

## Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

### 1 Identification

- **Product identifier**
- **Trade name:** C-951
- **Other means of identification**
- **Application of the substance / the mixture** For Laboratory Use Only
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
NSI Lab Solutions  
7212 ACC Blvd.,  
Raleigh, NC 27617  
USA
- **Information department:** Product safety department
- **Emergency telephone number:** During normal opening times: +1 (919) 789-3000

### \* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Carcinogenicity 1A

H350 May cause cancer.

Reproductive toxicity 1B

H360 May damage fertility or the unborn child.

Specific target organ toxicity (repeated exposure) 2

H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Acute toxicity - inhalation 4

H332 Harmful if inhaled.

Skin irritation 2

H315 Causes skin irritation.

Flammable liquids 4

H227 Combustible liquid.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
N,N-dimethylacetamide

(Contd. on page 2)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 1)

toluene

o-xylene

ethanol

**Hazard statements**

Combustible liquid.

Harmful if inhaled.

Causes skin irritation.

May cause cancer.

May damage fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

If on skin: Wash with plenty of water.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

Store in a well-ventilated place.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Information pertaining to particular dangers for man and environment:****Classification system:****NFPA ratings (scale 0 - 4)****HMIS-ratings (scale 0 - 4)****Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**Classification according to (d)(1)(ii) of § 1910.1200**

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

**Hazards not otherwise classified**

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

— US —

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 2)

### \* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

|                                   |                       |          |
|-----------------------------------|-----------------------|----------|
| · <b>Dangerous components:</b>    |                       |          |
| 127-19-5                          | N,N-dimethylacetamide | 80–100%  |
| 64-17-5                           | ethanol               | 1–5%     |
| 142-82-5                          | heptane               | 1–5%     |
| 95-47-6                           | o-xylene              | 1–5%     |
| 106-42-3                          | p-xylene              | 1–5%     |
| 108-38-3                          | m-xylene              | 1–5%     |
| 108-88-3                          | toluene               | 0.5–1.5% |
| 110-54-3                          | n-hexane              | 0.1–1%   |
| · <b>Non-hazardous components</b> |                       |          |
| 71-43-2                           | benzene               | <0.1%    |

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:**  
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### \* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Mount respiratory protective device.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.

(Contd. on page 4)

— US —

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

**Trade name: C-951**

(Contd. of page 3)

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· **Protective Action Criteria for Chemicals**

· **PAC-1:**

|          |                       |           |
|----------|-----------------------|-----------|
| 127-19-5 | N,N-dimethylacetamide | 30 ppm    |
| 64-17-5  | ethanol               | 1,800 ppm |
| 142-82-5 | heptane               | 500 ppm   |
| 108-38-3 | m-xylene              | 130 ppm   |
| 108-88-3 | toluene               | 67 ppm    |
| 110-54-3 | n-hexane              | 400 ppm   |
| 71-43-2  | benzene               | 52 ppm    |

· **PAC-2:**

|          |                       |           |
|----------|-----------------------|-----------|
| 127-19-5 | N,N-dimethylacetamide | 67 ppm    |
| 64-17-5  | ethanol               | 3300* ppm |
| 142-82-5 | heptane               | 830 ppm   |
| 108-38-3 | m-xylene              | 920 ppm   |
| 108-88-3 | toluene               | 560 ppm   |
| 110-54-3 | n-hexane              | 2900 ppm  |
| 71-43-2  | benzene               | 800 ppm   |

· **PAC-3:**

|          |                       |            |
|----------|-----------------------|------------|
| 127-19-5 | N,N-dimethylacetamide | 400 ppm    |
| 64-17-5  | ethanol               | 15000* ppm |
| 142-82-5 | heptane               | 5000* ppm  |
| 108-38-3 | m-xylene              | 2500* ppm  |
| 108-88-3 | toluene               | 3700 ppm   |
| 110-54-3 | n-hexane              | 8600 ppm   |
| 71-43-2  | benzene               | 4000* ppm  |

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## \* 7 Handling and storage

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· **Information about protection against explosions and fires: Keep respiratory protective device available.**

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

(Contd. on page 5)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 4)

· **Specific end use(s)** No further relevant information available.

### \* 8 Exposure controls/personal protection

· **Control parameters**· **Components with limit values that require monitoring at the workplace:**

#### 127-19-5 N,N-dimethylacetamide

PEL Long-term value: 35 mg/m<sup>3</sup>, 10 ppm  
Skin

REL Long-term value: 35 mg/m<sup>3</sup>, 10 ppm  
Skin

TLV Long-term value: 36 mg/m<sup>3</sup>, 10 ppm  
Skin; BEI, A3

#### 64-17-5 ethanol

PEL Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

REL Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

TLV Short-term value: 1880 mg/m<sup>3</sup>, 1000 ppm  
A3

#### 142-82-5 heptane

PEL Long-term value: 2000 mg/m<sup>3</sup>, 500 ppm

REL Long-term value: 350 mg/m<sup>3</sup>, 85 ppm  
Ceiling limit value: 1800\* mg/m<sup>3</sup>, 440\* ppm  
\*15-min

TLV Short-term value: 400 ppm  
Long-term value: 200 ppm  
OTO

#### 95-47-6 o-xylene

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 20 ppm  
BEI, A4

#### 106-42-3 p-xylene

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 20 ppm  
BEI, OTO, A4

#### 108-38-3 m-xylene

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 20 ppm  
BEI, A4

(Contd. on page 6)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

**Trade name: C-951**

(Contd. of page 5)

**108-88-3 toluene**

|     |                                                                                                       |
|-----|-------------------------------------------------------------------------------------------------------|
| PEL | Long-term value: 200 ppm<br>Ceiling limit value: 300; 500* ppm<br>*10-min peak per 8-hr shift         |
| REL | Short-term value: 560 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 375 mg/m <sup>3</sup> , 100 ppm |
| TLV | Long-term value: 20 ppm<br>BEI, OTO, A4                                                               |

**110-54-3 n-hexane**

|     |                                                              |
|-----|--------------------------------------------------------------|
| PEL | Long-term value: 1800 mg/m <sup>3</sup> , 500 ppm            |
| REL | Long-term value: 180 mg/m <sup>3</sup> , 50 ppm              |
| TLV | Long-term value: 176 mg/m <sup>3</sup> , 50 ppm<br>Skin; BEI |

**Ingredients with biological limit values:****127-19-5 N,N-dimethylacetamide**

|     |                                                                                                              |
|-----|--------------------------------------------------------------------------------------------------------------|
| BEI | 30 mg/g creatinine<br>Medium: urine<br>Time: end of shift at end of workweek<br>Parameter: N-Methylacetamide |
|-----|--------------------------------------------------------------------------------------------------------------|

**95-47-6 o-xylene**

|     |                                                                                              |
|-----|----------------------------------------------------------------------------------------------|
| BEI | 0.3 g/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: Methylhippuric acids |
|-----|----------------------------------------------------------------------------------------------|

**106-42-3 p-xylene**

|     |                                                                                              |
|-----|----------------------------------------------------------------------------------------------|
| BEI | 0.3 g/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: Methylhippuric acids |
|-----|----------------------------------------------------------------------------------------------|

**108-38-3 m-xylene**

|     |                                                                                              |
|-----|----------------------------------------------------------------------------------------------|
| BEI | 0.3 g/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: Methylhippuric acids |
|-----|----------------------------------------------------------------------------------------------|

**108-88-3 toluene**

|     |                                                                                                                |
|-----|----------------------------------------------------------------------------------------------------------------|
| BEI | 0.02 mg/L<br>Medium: blood<br>Time: prior to last shift of workweek<br>Parameter: Toluene                      |
|     | 0.03 mg/L<br>Medium: urine<br>Time: end of shift<br>Parameter: Toluene                                         |
|     | 0.3 mg/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: o-Cresol with hydrolysis (background) |

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 6)

**110-54-3 n-hexane**

BEI 0.5 mg/L  
 Medium: urine  
 Time: end of shift  
 Parameter: 2,5-Hexanedione without hydrolysis

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Store protective clothing separately.  
 Avoid contact with the skin.  
 Avoid contact with the eyes and skin.
- **Breathing equipment:**  
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
 The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

## \* 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Physical state** Liquid
- **Color:** According to product specification
- **Odor:** Characteristic
- **Odor threshold:** Not determined.
- **Melting point/Melting range:** Undetermined.

(Contd. on page 8)

US

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 7)

|                                                                                        |                                             |
|----------------------------------------------------------------------------------------|---------------------------------------------|
| · <b>Boiling point/Boiling range:</b>                                                  | 165.5 °C (329.9 °F)                         |
| · <b>Flammability:</b>                                                                 | Not applicable.                             |
| · <b>Explosion limits:</b>                                                             |                                             |
| · <b>Lower:</b>                                                                        | 1.7 Vol %                                   |
| · <b>Upper:</b>                                                                        | 11.5 Vol %                                  |
| · <b>Flash point:</b>                                                                  | 66 °C (150.8 °F)                            |
| · <b>Auto igniting:</b>                                                                | 390 °C (734 °F)                             |
| · <b>Decomposition temperature:</b>                                                    | Not determined.                             |
| · <b>pH-value:</b>                                                                     | Not determined.                             |
| · <b>Viscosity:</b>                                                                    |                                             |
| · <b>Kinematic:</b>                                                                    | Not determined.                             |
| · <b>Dynamic:</b>                                                                      | Not determined.                             |
| · <b>Solubility in / Miscibility with</b>                                              |                                             |
| · <b>Water:</b>                                                                        | Fully miscible.                             |
| · <b>Partition coefficient (n-octanol/water):</b>                                      | Not determined.                             |
| · <b>Vapor pressure at 20 °C (68 °F):</b>                                              | 3.3 hPa (2.5 mm Hg)                         |
| · <b>Vapor pressure:</b>                                                               |                                             |
| · <b>Density at 20 °C (68 °F):</b>                                                     | 0.92382 g/cm <sup>3</sup> (7.70928 lbs/gal) |
| · <b>Relative density</b>                                                              | Not determined.                             |
| · <b>Bulk density:</b>                                                                 | 924 kg/m <sup>3</sup>                       |
| · <b>Vapor density</b>                                                                 | Not determined.                             |
| · <b>Particle characteristics</b>                                                      | Not applicable.                             |
| · <b>Other information</b>                                                             |                                             |
| · <b>Appearance:</b>                                                                   |                                             |
| · <b>Form:</b>                                                                         | Fluid                                       |
| · <b>Important information on protection of health and environment, and on safety.</b> |                                             |
| · <b>Ignition temperature:</b>                                                         | Product is not selfigniting.                |
| · <b>Danger of explosion:</b>                                                          | Not determined.                             |
| · <b>Solvent content:</b>                                                              |                                             |
| · <b>Organic solvents:</b>                                                             | 14.8 %                                      |
| · <b>VOC content:</b>                                                                  | 14.82 %                                     |
|                                                                                        | 136.9 g/l / 1.14 lb/gal                     |
| · <b>Solids content:</b>                                                               | 85.2 %                                      |
| · <b>Change in condition</b>                                                           |                                             |
| · <b>Evaporation rate</b>                                                              | Not determined.                             |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

US —  
(Contd. on page 9)

# Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 8)

## \*11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

**ATE (Acute Toxicity Estimate)**

Dermal LD50 2,339 mg/kg

Inhalative LC50/4 h 1.74 mg/l

**127-19-5 N,N-dimethylacetamide**

Oral LD50 4,930 mg/kg (rat)

Dermal LD50 2,240 mg/kg (rabbit)

**64-17-5 ethanol**

Oral LD50 7,060 mg/kg (rat)

Inhalative LC50/4 h 20,000 mg/l (rat)

**106-42-3 p-xylene**

Oral LD50 5,000 mg/kg (rat)

**108-38-3 m-xylene**

Oral LD50 5,000 mg/kg (rat)

Dermal LD50 14,100 mg/kg (rabbit)

**108-88-3 toluene**

Oral LD50 5,000 mg/kg (rat)

Dermal LD50 12,124 mg/kg (rabbit)

Inhalative LC50/4 h 5,320 mg/l (mouse)

· Primary irritant effect:

· on the skin: Irritant to skin and mucous membranes.

· on the eye: No irritating effect.

· Sensitization: No sensitizing effects known.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· Interactive effects No interactive effects between components are known.

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

127-19-5 N,N-dimethylacetamide

2B

64-17-5 ethanol

1

95-47-6 o-xylene

3

106-42-3 p-xylene

3

108-38-3 m-xylene

3

108-88-3 toluene

3

71-43-2 benzene

1

· NTP (National Toxicology Program)

71-43-2 benzene

K

(Contd. on page 10)

# Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 9)

|                                                                                                                              |         |
|------------------------------------------------------------------------------------------------------------------------------|---------|
| · <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>                                                           |         |
| 71-43-2                                                                                                                      | benzene |
| · <b>Alternative sources for toxicological information</b> No non-standard sources for toxicological information where used. |         |

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
 Water hazard class 2 (Self-assessment): hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even small quantities leak into the ground.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

|                                                                                     |                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| · <b>UN-Number</b>                                                                  | UN2810                                                              |
| · <b>DOT, IMDG, IATA</b>                                                            |                                                                     |
| · <b>UN proper shipping name</b>                                                    | Toxic, liquids, organic, n.o.s. (Benzene)                           |
| · <b>DOT</b>                                                                        | TOXIC LIQUID, ORGANIC, N.O.S. (BENZENE, HEPTANES), MARINE POLLUTANT |
| · <b>IMDG</b>                                                                       |                                                                     |
| · <b>IATA</b>                                                                       | Toxic liquid, organic, n.o.s. (BENZENE)                             |
| · <b>Transport hazard class(es)</b>                                                 |                                                                     |
| · <b>DOT</b>                                                                        |                                                                     |
|  |                                                                     |
| · <b>Class</b>                                                                      | 6.1 Toxic substances                                                |

(Contd. on page 11)

# Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 10)

|                                                                                                                                                                     |                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| · <b>Label</b>                                                                                                                                                      | 6.1                                                                                                            |
| · <b>IMDG</b>                                                                                                                                                       |                                                                                                                |
|   |                                                                                                                |
| · <b>Class</b>                                                                                                                                                      | 6.1 Toxic substances                                                                                           |
| · <b>Label</b>                                                                                                                                                      | 6.1                                                                                                            |
| · <b>IATA</b>                                                                                                                                                       |                                                                                                                |
|                                                                                    |                                                                                                                |
| · <b>Class</b>                                                                                                                                                      | 6.1 Toxic substances                                                                                           |
| · <b>Label</b>                                                                                                                                                      | 6.1                                                                                                            |
| · <b>Packing group</b>                                                                                                                                              |                                                                                                                |
| · <b>DOT, IMDG, IATA</b>                                                                                                                                            | II                                                                                                             |
| · <b>Environmental hazards:</b>                                                                                                                                     |                                                                                                                |
| · <b>Marine pollutant:</b>                                                                                                                                          | Symbol (fish and tree)                                                                                         |
| · <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>                                                                                   | Not applicable.                                                                                                |
| · <b>Transport/Additional information:</b>                                                                                                                          |                                                                                                                |
| · <b>DOT</b>                                                                                                                                                        |                                                                                                                |
| · <b>Quantity limitations</b>                                                                                                                                       | On passenger aircraft/rail: 5 L<br>On cargo aircraft only: 60 L                                                |
| · <b>IMDG</b>                                                                                                                                                       |                                                                                                                |
| · <b>Limited quantities (LQ)</b>                                                                                                                                    | 100 ml                                                                                                         |
| · <b>Excepted quantities (EQ)</b>                                                                                                                                   | Code: E4<br>Maximum net quantity per inner packaging: 1 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <b>Special precautions for user</b>                                                                                                                               | Warning: Toxic substances                                                                                      |
| · <b>Hazard identification number (Kemler code):</b>                                                                                                                | 60                                                                                                             |
| · <b>EMS Number:</b>                                                                                                                                                | F-A,S-A                                                                                                        |
| · <b>Stowage Category</b>                                                                                                                                           | B                                                                                                              |
| · <b>Stowage Code</b>                                                                                                                                               | SW2 Clear of living quarters.                                                                                  |
| · <b>UN "Model Regulation":</b>                                                                                                                                     | UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (BENZENE), 6.1, II, ENVIRONMENTALLY HAZARDOUS                            |

## \*15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

(Contd. on page 12)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

**Trade name: C-951**

(Contd. of page 11)

|                                                                      |                               |        |
|----------------------------------------------------------------------|-------------------------------|--------|
| <b>· Section 313 (Specific toxic chemical listings):</b>             |                               |        |
| 95-47-6                                                              | <i>o</i> -xylene              |        |
| 106-42-3                                                             | <i>p</i> -xylene              |        |
| 108-38-3                                                             | <i>m</i> -xylene              |        |
| 108-88-3                                                             | toluene                       |        |
| 110-54-3                                                             | <i>n</i> -hexane              |        |
| 71-43-2                                                              | benzene                       |        |
| <b>· TSCA (Toxic Substances Control Act):</b>                        |                               |        |
| All components have the value ACTIVE.                                |                               |        |
| <b>· Hazardous Air Pollutants</b>                                    |                               |        |
| 95-47-6                                                              | <i>o</i> -xylene              |        |
| 106-42-3                                                             | <i>p</i> -xylene              |        |
| 108-38-3                                                             | <i>m</i> -xylene              |        |
| 108-88-3                                                             | toluene                       |        |
| 110-54-3                                                             | <i>n</i> -hexane              |        |
| 71-43-2                                                              | benzene                       |        |
| <b>· Proposition 65</b>                                              |                               |        |
| <b>· Chemicals known to cause cancer:</b>                            |                               |        |
| 127-19-5                                                             | <i>N,N</i> -dimethylacetamide |        |
| 71-43-2                                                              | benzene                       |        |
| <b>· Chemicals known to cause reproductive toxicity for females:</b> |                               |        |
| None of the ingredients is listed.                                   |                               |        |
| <b>· Chemicals known to cause reproductive toxicity for males:</b>   |                               |        |
| 127-19-5                                                             | <i>N,N</i> -dimethylacetamide |        |
| 110-54-3                                                             | <i>n</i> -hexane              |        |
| 71-43-2                                                              | benzene                       |        |
| <b>· Chemicals known to cause developmental toxicity:</b>            |                               |        |
| 127-19-5                                                             | <i>N,N</i> -dimethylacetamide |        |
| 64-17-5                                                              | ethanol                       |        |
| 108-88-3                                                             | toluene                       |        |
| 71-43-2                                                              | benzene                       |        |
| <b>· Carcinogenic categories</b>                                     |                               |        |
| <b>· EPA (Environmental Protection Agency)</b>                       |                               |        |
| 142-82-5                                                             | heptane                       | D      |
| 95-47-6                                                              | <i>o</i> -xylene              | I      |
| 106-42-3                                                             | <i>p</i> -xylene              | I      |
| 108-38-3                                                             | <i>m</i> -xylene              | I      |
| 108-88-3                                                             | toluene                       | II     |
| 110-54-3                                                             | <i>n</i> -hexane              | II     |
| 71-43-2                                                              | benzene                       | A, K/L |
| <b>· TLV (Threshold Limit Value)</b>                                 |                               |        |
| 127-19-5                                                             | <i>N,N</i> -dimethylacetamide | A4     |

(Contd. on page 13)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

**Trade name: C-951**

(Contd. of page 12)

|                                                                           |          |    |
|---------------------------------------------------------------------------|----------|----|
| 64-17-5                                                                   | ethanol  | A3 |
| 95-47-6                                                                   | o-xylene | A4 |
| 106-42-3                                                                  | p-xylene | A4 |
| 108-38-3                                                                  | m-xylene | A4 |
| 108-88-3                                                                  | toluene  | A4 |
| 71-43-2                                                                   | benzene  | A1 |
| · <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b> |          |    |
| 71-43-2                                                                   | benzene  |    |

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).· **Hazard pictograms**

GHS07   GHS08

· **Signal word** Danger· **Hazard-determining components of labeling:**

N,N-dimethylacetamide

toluene

o-xylene

ethanol

· **Hazard statements**

Combustible liquid.

Harmful if inhaled.

Causes skin irritation.

May cause cancer.

May damage fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

· **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

If on skin: Wash with plenty of water.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

Store in a well-ventilated place.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 14)

# Safety Data Sheet

## acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-951

(Contd. of page 13)

- **National regulations:**
- **Information about limitation of use:**  
Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environment protection department.
- **Contact:** - Department Technical Manager
- **Date of previous version** 03/01/2024
- **Date of preparation** 06/30/2026
- **Abbreviations and acronyms:**  
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 NFPA: National Fire Protection Association (USA)  
 HMIS: Hazardous Materials Identification System (USA)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 TLV: Threshold Limit Value  
 PEL: Permissible Exposure Limit  
 REL: Recommended Exposure Limit  
 BEI: Biological Exposure Limit  
 Flammable liquids 4: Flammable liquids – Category 4  
 Acute toxicity - inhalation 4: Acute toxicity – Category 4  
 Skin irritation 2: Skin corrosion/irritation – Category 2  
 Carcinogenicity 1A: Carcinogenicity – Category 1A  
 Reproductive toxicity 1B: Reproductive toxicity – Category 1B  
 Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2
- **\* Data compared to the previous version altered.**