

## Safety Data Sheet acc. to OSHA HCS

Printing date 11/25/2025

Reviewed on 11/25/2025

### 1 Identification

· **Product identifier**

· **Trade name:** C-947

· **Restrictions**

*This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.*

· **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.

Toxic to Reproduction 1B      H360 May damage fertility or the unborn child.



GHS07

Acute Toxicity - Inhalation 4      H332 Harmful if inhaled.

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  
ethanol

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methanol

toluene

· **Hazard statements**

Combustible liquid.

Harmful if inhaled.

May cause cancer.

May damage fertility or the unborn child.

· **Precautionary statements**

Obtain special instructions before use.

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

Keep away from flames and hot surfaces. – No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area.

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

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.

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

Store in a well-ventilated place. Keep cool.

Store locked up.

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

· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 2

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = \*2

Fire = 2

Reactivity = 0

· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

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

127-19-5	N,N-dimethylacetamide	93.385%
64-17-5	ethanol	1.2%
108-88-3	toluene	0.18%
75-09-2	dichloromethane	0.15%

· **Non-hazardous components**

67-64-1	acetone	0.9%
109-66-0	pentane	0.9%

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60-29-7	diethyl ether	0.6%
67-63-0	propan-2-ol	0.6%
142-82-5	heptane	0.6%
141-78-6	ethyl acetate	0.48%
67-56-1	methanol	0.3%
95-47-6	o-xylene	0.18%
106-42-3	p-xylene	0.18%
108-38-3	m-xylene	0.18%
75-05-8	acetonitrile	0.07%
110-54-3	n-hexane	0.06%
79-01-6	trichloroethylene	0.03%
67-66-3	trichloromethane	0.002%
107-06-2	1,2-dichloroethane	0.002%
71-43-2	benzene	0.001%

### 4 First-aid measures

- **Description of first aid measures**

- **General information:**

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:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** If symptoms persist consult doctor.

- **Information for 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** No further relevant information available.

- **Advice for firefighters**

- **Protective equipment:** Mouth respiratory protective device.

### \* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.

- **Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

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

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

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Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

**· 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.

**· Protective Action Criteria for Chemicals**

<b>· PAC-1:</b>		
127-19-5	N,N-dimethylacetamide	30 ppm
64-17-5	ethanol	1,800 ppm
67-64-1	acetone	200 ppm
109-66-0	pentane	3000* ppm
60-29-7	diethyl ether	500 ppm
67-63-0	propan-2-ol	400 ppm
142-82-5	heptane	500 ppm
141-78-6	ethyl acetate	1,200 ppm
67-56-1	methanol	530 ppm
108-38-3	m-xylene	130 ppm
108-88-3	toluene	67 ppm
75-09-2	dichloromethane	200 ppm
75-05-8	acetonitrile	13 ppm
110-54-3	n-hexane	400 ppm
79-01-6	trichloroethylene	130 ppm
67-66-3	trichloromethane	2.0 ppm
107-06-2	1,2-dichloroethane	50 ppm
71-43-2	benzene	52 ppm
<b>· PAC-2:</b>		
127-19-5	N,N-dimethylacetamide	67 ppm
64-17-5	ethanol	3300* ppm
67-64-1	acetone	3200* ppm
109-66-0	pentane	33000*** ppm
60-29-7	diethyl ether	3200* ppm
67-63-0	propan-2-ol	2000* ppm
142-82-5	heptane	830 ppm
141-78-6	ethyl acetate	1,700 ppm
67-56-1	methanol	2100 ppm
108-38-3	m-xylene	920 ppm
108-88-3	toluene	560 ppm
75-09-2	dichloromethane	560 ppm
75-05-8	acetonitrile	50 ppm
110-54-3	n-hexane	2900 ppm
79-01-6	trichloroethylene	450 ppm
67-66-3	trichloromethane	64 ppm
107-06-2	1,2-dichloroethane	200 ppm

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71-43-2	benzene	800 ppm
<b>· PAC-3:</b>		
127-19-5	N,N-dimethylacetamide	400 ppm
64-17-5	ethanol	15000* ppm
67-64-1	acetone	5700* ppm
109-66-0	pentane	200000 ppm
60-29-7	diethyl ether	19000*** ppm
67-63-0	propan-2-ol	12000** ppm
142-82-5	heptane	5000* ppm
141-78-6	ethyl acetate	10000** ppm
67-56-1	methanol	7200 ppm
108-38-3	m-xylene	2500* ppm
108-88-3	toluene	3700 ppm
75-09-2	dichloromethane	6900 ppm
75-05-8	acetonitrile	150 ppm
110-54-3	n-hexane	8600 ppm
79-01-6	trichloroethylene	3800 ppm
67-66-3	trichloromethane	3200 ppm
107-06-2	1,2-dichloroethane	300 ppm
71-43-2	benzene	4000* ppm

### \* 7 Handling and storage

- **Handling:**
- **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.
- **Specific end use(s)** No further relevant information available.

### \* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **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

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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
<b>64-17-5 ethanol</b>	
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
<b>108-88-3 toluene</b>	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
REL	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 20 ppm BEI, OTO, A4
<b>75-09-2 dichloromethane</b>	
PEL	Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910.1052
REL	See Pocket Guide App. A
TLV	Long-term value: 174 mg/m <sup>3</sup> , 50 ppm BEI, A3
<b>Ingredients with biological limit values:</b>	
<b>127-19-5 N,N-dimethylacetamide</b>	
BEI	30 mg/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: N-Methylacetamide
<b>108-88-3 toluene</b>	
BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene  0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene  0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)
<b>75-09-2 dichloromethane</b>	
BEI	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)

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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.
- **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**
- **Appearance:**
  - Form:** Fluid
  - Color:** According to product specification
- **Odor:** Characteristic
- **Odor threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
  - Melting point/Melting range:** Undetermined.
  - Boiling point/Boiling range:** 165.5 °C (329.9 °F)
- **Flash point:** 66 °C (150.8 °F)
- **Flammability:** Not applicable.
- **Auto igniting:** 390 °C (734 °F)

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· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Not determined.
· <b>Explosion limits:</b>	
Lower:	1.7 Vol %
Upper:	11.5 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	3.3 hPa (2.5 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	0.93264 g/cm <sup>3</sup> (7.78288 lbs/gal)
· <b>Bulk density:</b>	933 kg/m <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	6.5 %
VOC content:	5.49 %
	51.2 g/l / 0.43 lb/gal
Solids content:	93.4 %
· <b>Other information</b>	No further relevant information available.

## 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.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· <b>LD/LC50 values that are relevant for classification:</b>		
<b>ATE (Acute Toxicity Estimate)</b>		
Dermal	LD50	2,399 mg/kg (rabbit)
Inhalative	LC50/4 h	1.61 mg/l

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<b>127-19-5 N,N-dimethylacetamide</b>		
Oral	LD50	4,930 mg/kg (rat)
Dermal	LD50	2,240 mg/kg (rabbit)
<b>64-17-5 ethanol</b>		
Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)
<b>108-88-3 toluene</b>		
Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)
<b>75-09-2 dichloromethane</b>		
Oral	LD50	1,600 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/l (rat)

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **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

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

127-19-5	N,N-dimethylacetamide	2B
64-17-5	ethanol	1
67-63-0	propan-2-ol	3
95-47-6	o-xylene	3
106-42-3	p-xylene	3
108-38-3	m-xylene	3
108-88-3	toluene	3
75-09-2	dichloromethane	2A
79-01-6	trichloroethylene	1
67-66-3	trichloromethane	2B
107-06-2	1,2-dichloroethane	2B
71-43-2	benzene	1

· **NTP (National Toxicology Program)**

75-09-2	dichloromethane	R
79-01-6	trichloroethylene	K
67-66-3	trichloromethane	R
107-06-2	1,2-dichloroethane	R
71-43-2	benzene	K

· **OSHA-Ca (Occupational Safety & Health Administration)**

75-09-2	dichloromethane	
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71-43-2 benzene


### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 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. (Methanol) |
| · <b>DOT</b>  | TOXIC LIQUID, ORGANIC, N.O.S. (METHANOL)   |
| · <b>IMDG</b>   | TOXIC liquid, organic, n.o.s. (METHANOL)   |
| · <b>IATA</b>   |  |
| · <b>Transport hazard class(es)</b>   |  |
| · <b>DOT</b>  |  |
|  |  |
| · <b>Class</b>  | 6.1 Toxic substances                       |

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· <b>Label</b>	6.1
· <b>IMDG, 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>	Not applicable.
· <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>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 On cargo aircraft only: 60 L
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	100 ml
· <b>Excepted quantities (EQ)</b>	Code: E4 Maximum net quantity per inner packaging: 1 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (METHANOL), 6.1, II

### \*15 Regulatory information

#### · **Safety, health and environmental regulations/legislation specific for the substance or mixture**

This product contains Trichloroethylene (CAS No. 79-01-6), which is subject to risk management restrictions under the U.S. Toxic Substances Control Act (TSCA) Section 6(a), per EPA's final rule published on March 19, 2024 (89 FR 19446; 40 CFR Part 751, Subpart C).

Effective June 16, 2025, domestic manufacture, import, processing, and distribution in commerce of trichloroethylene are prohibited, except for specific conditions of use and time-limited exemptions. This product is intended solely for use as a laboratory reference standard. Laboratory uses essential for research and development and quality control are permitted under the TSCA exemption for laboratory use (40 CFR 751.407(e)(6)), and may continue until December 18, 2074. Users must ensure that this product is used exclusively in laboratory settings, in accordance with applicable federal, state, and local regulations.

#### · **Sara**

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

67-66-3 | trichloromethane

#### · **Section 313 (Specific toxic chemical listings):**

67-63-0 | propan-2-ol

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67-56-1	methanol
95-47-6	o-xylene
106-42-3	p-xylene
108-38-3	m-xylene
108-88-3	toluene
75-09-2	dichloromethane
75-05-8	acetonitrile
110-54-3	n-hexane
79-01-6	trichloroethylene
67-66-3	trichloromethane
107-06-2	1,2-dichloroethane
71-43-2	benzene

**· TSCA (Toxic Substances Control Act):**

This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

All components have the value ACTIVE.

**· Hazardous Air Pollutants**

67-56-1	methanol
95-47-6	o-xylene
106-42-3	p-xylene
108-38-3	m-xylene
108-88-3	toluene
75-09-2	dichloromethane
75-05-8	acetonitrile
110-54-3	n-hexane
79-01-6	trichloroethylene
67-66-3	trichloromethane
107-06-2	1,2-dichloroethane
71-43-2	benzene

**· Proposition 65****· Chemicals known to cause cancer:**

127-19-5	N,N-dimethylacetamide
75-09-2	dichloromethane
79-01-6	trichloroethylene
67-66-3	trichloromethane
107-06-2	1,2-dichloroethane
71-43-2	benzene

**· Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**· Chemicals known to cause reproductive toxicity for males:**

127-19-5	N,N-dimethylacetamide
110-54-3	n-hexane
79-01-6	trichloroethylene

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71-43-2	benzene
<b>· Chemicals known to cause developmental toxicity:</b>	
127-19-5	N,N-dimethylacetamide
64-17-5	ethanol
67-56-1	methanol
108-88-3	toluene
79-01-6	trichloroethylene
67-66-3	trichloromethane
71-43-2	benzene

**· Carcinogenic categories**

<b>· EPA (Environmental Protection Agency)</b>		
67-64-1	acetone	I
142-82-5	heptane	D
95-47-6	o-xylene	I
106-42-3	p-xylene	I
108-38-3	m-xylene	I
108-88-3	toluene	II
75-09-2	dichloromethane	L
75-05-8	acetonitrile	CBD, D
110-54-3	n-hexane	II
79-01-6	trichloroethylene	CaH
67-66-3	trichloromethane	B2, L, NL
107-06-2	1,2-dichloroethane	B2
71-43-2	benzene	A, K/L

**· TLV (Threshold Limit Value)**

127-19-5	N,N-dimethylacetamide	A4
64-17-5	ethanol	A3
67-64-1	acetone	A4
67-63-0	propan-2-ol	A4
95-47-6	o-xylene	A4
106-42-3	p-xylene	A4
108-38-3	m-xylene	A4
108-88-3	toluene	A4
75-09-2	dichloromethane	A3
75-05-8	acetonitrile	A4
79-01-6	trichloroethylene	A2
67-66-3	trichloromethane	A3
107-06-2	1,2-dichloroethane	A4
71-43-2	benzene	A1

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

75-09-2	dichloromethane
79-01-6	trichloroethylene

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67-66-3	trichloromethane
107-06-2	1,2-dichloroethane
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  
ethanol  
methanol  
toluene
- **Hazard statements**  
Combustible liquid.  
Harmful if inhaled.  
May cause cancer.  
May damage fertility or the unborn child.
- **Precautionary statements**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Keep away from flames and hot surfaces. – No smoking.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
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.  
In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.  
Store in a well-ventilated place. Keep cool.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **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 preparation / last revision** 11/25/2025 / -
- **Abbreviations and acronyms:**  
IMDG: International Maritime Code for Dangerous Goods

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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  
Carcinogenicity 1A: Carcinogenicity – Category 1A  
Toxic to Reproduction 1B: Reproductive toxicity – Category 1B  
· **\* Data compared to the previous version altered.**

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US

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