

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-945

· **Other means of identification**

· **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**



GHS06 Skull and crossbones

Acute toxicity - inhalation 3

H331 Toxic if inhaled.



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 the hearing organs through prolonged or repeated exposure.

Aspiration hazard 1

H304 May be fatal if swallowed and enters airways.



GHS07

Skin irritation 2

H315 Causes skin irritation.

Eye irritation 2A

H319 Causes serious eye irritation.

Specific target organ toxicity (single exposure) 3 H336 May cause drowsiness or dizziness.

Flammable liquids 4

H227 Combustible liquid.

(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-945

(Contd. of page 1)

· **Label elements**

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

· **Hazard pictograms**



GHS06 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

N,N-dimethylacetamide

cyclohexane

ethylbenzene

ethanol

· **Hazard statements**

Combustible liquid.

Toxic if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause cancer.

May damage fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to the hearing organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

· **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 swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

If on skin: Wash with plenty of water.

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

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

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.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use CO₂, powder or water spray to extinguish.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

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

(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-945

(Contd. of page 2)

- **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.

* 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	30–60%
110-82-7	cyclohexane	1–5%
60-29-7	diethyl ether	1–5%
64-17-5	ethanol	1–5%
67-63-0	propan-2-ol	1–5%
67-64-1	acetone	1–5%
78-78-4	isopentane	1–5%
78-92-2	butanol	1–5%
108-21-4	isopropyl acetate	1–5%
109-66-0	pentane	1–5%
141-78-6	ethyl acetate	1–5%
142-82-5	heptane	1–5%
95-47-6	o-xylene	1–5%
100-41-4	ethylbenzene	1–5%
106-42-3	p-xylene	1–5%
108-38-3	m-xylene	1–5%
67-56-1	methanol	≥1–<3%
108-88-3	toluene	0.5–1.5%
109-99-9	tetrahydrofuran	0.1–1%

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 3)

75-09-2	dichloromethane	0.1–1%
123-91-1	1,4-dioxane	0.1–1%
110-54-3	n-hexane	0.1–1%
110-80-5	2-ethoxyethanol	0.1–1%
· Non-hazardous components		
107-21-1	ethanediol	0.1–1%
75-05-8	acetonitrile	0.1–1%
75-83-2	2,2-dimethylbutane	0.1–1%
96-14-0	3-methylpentane	0.1–1%
107-83-5	hexane (containing < 5 % n-hexane (203-777-6))	0.1–1%
79-29-8	2,3-dimethylbutane	0.1–1%
98-82-8	Cumene	<0.1%
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.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

· **After inhalation:**

Supply fresh air or oxygen; call for doctor.

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. If symptoms persist, consult a doctor.

· **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:**

CO₂, 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 5)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 4)

· 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
110-82-7	cyclohexane	300 ppm
60-29-7	diethyl ether	500 ppm
64-17-5	ethanol	1,800 ppm
67-63-0	propan-2-ol	400 ppm
67-64-1	acetone	200 ppm
78-78-4	isopentane	3000* ppm
78-92-2	butanol	150 ppm
108-21-4	isopropyl acetate	200 ppm
109-66-0	pentane	3000* ppm
141-78-6	ethyl acetate	1,200 ppm
142-82-5	heptane	500 ppm
100-41-4	ethylbenzene	33 ppm
108-38-3	m-xylene	130 ppm
67-56-1	methanol	530 ppm
108-88-3	toluene	67 ppm
109-99-9	tetrahydrofuran	100 ppm
107-21-1	ethanediol	50 ppm
75-09-2	dichloromethane	200 ppm
75-05-8	acetonitrile	13 ppm
123-91-1	1,4-dioxane	17 ppm
75-83-2	2,2-dimethylbutane	1,000 ppm
96-14-0	3-methylpentane	1,000 ppm
107-83-5	hexane (containing < 5 % n-hexane (203-777-6))	1,000 ppm
110-54-3	n-hexane	400 ppm
110-80-5	2-ethoxyethanol	15 ppm
98-82-8	Cumene	50 ppm
71-43-2	benzene	52 ppm

· PAC-2:

127-19-5	N,N-dimethylacetamide	67 ppm
110-82-7	cyclohexane	1700* ppm
60-29-7	diethyl ether	3200* ppm
64-17-5	ethanol	3300* ppm
67-63-0	propan-2-ol	2000* ppm
67-64-1	acetone	3200* ppm
78-78-4	isopentane	33000*** ppm
78-92-2	butanol	220 ppm
108-21-4	isopropyl acetate	2700* ppm

(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-945

(Contd. of page 5)

109-66-0	pentane	33000*** ppm
141-78-6	ethyl acetate	1,700 ppm
142-82-5	heptane	830 ppm
100-41-4	ethylbenzene	1100 ppm
108-38-3	m-xylene	920 ppm
67-56-1	methanol	2100 ppm
108-88-3	toluene	560 ppm
109-99-9	tetrahydrofuran	500 ppm
107-21-1	ethanediol	400 ppm
75-09-2	dichloromethane	560 ppm
75-05-8	acetonitrile	50 ppm
123-91-1	1,4-dioxane	320 ppm
75-83-2	2,2-dimethylbutane	11000** ppm
96-14-0	3-methylpentane	11000** ppm
107-83-5	hexane (containing < 5 % n-hexane (203-777-6))	11000** ppm
110-54-3	n-hexane	2900 ppm
110-80-5	2-ethoxyethanol	1,000 ppm
98-82-8	Cumene	300 ppm
71-43-2	benzene	800 ppm

· PAC-3:

127-19-5	N,N-dimethylacetamide	400 ppm
110-82-7	cyclohexane	10000** ppm
60-29-7	diethyl ether	19000*** ppm
64-17-5	ethanol	15000* ppm
67-63-0	propan-2-ol	12000** ppm
67-64-1	acetone	5700* ppm
78-78-4	isopentane	200000 ppm
78-92-2	butanol	10000** ppm
108-21-4	isopropyl acetate	16000** ppm
109-66-0	pentane	200000 ppm
141-78-6	ethyl acetate	10000** ppm
142-82-5	heptane	5000* ppm
100-41-4	ethylbenzene	1800 ppm
108-38-3	m-xylene	2500* ppm
67-56-1	methanol	7200 ppm
108-88-3	toluene	3700 ppm
109-99-9	tetrahydrofuran	5000* ppm
107-21-1	ethanediol	670 ppm
75-09-2	dichloromethane	6900 ppm
75-05-8	acetonitrile	150 ppm
123-91-1	1,4-dioxane	760 ppm
75-83-2	2,2-dimethylbutane	66000*** ppm
96-14-0	3-methylpentane	66000*** ppm

(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-945

(Contd. of page 6)

107-83-5	hexane (containing < 5 % n-hexane (203-777-6))	66000*** ppm
110-54-3	n-hexane	8600 ppm
110-80-5	2-ethoxyethanol	6000* ppm
98-82-8	Cumene	730 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.

· **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/m³, 10 ppm
Skin

REL Long-term value: 35 mg/m³, 10 ppm
Skin

TLV Long-term value: 36 mg/m³, 10 ppm
Skin; BEI, A3

110-82-7 cyclohexane

PEL Long-term value: 1050 mg/m³, 300 ppm

REL Long-term value: 1050 mg/m³, 300 ppm

TLV Long-term value: 100 ppm
BEI

60-29-7 diethyl ether

PEL Long-term value: 1200 mg/m³, 400 ppm

TLV Short-term value: 1520 mg/m³, 500 ppm
Long-term value: 1210 mg/m³, 400 ppm

64-17-5 ethanol

PEL Long-term value: 1900 mg/m³, 1000 ppm

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 7)

REL	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV	Short-term value: 1880 mg/m ³ , 1000 ppm
	A3
67-63-0 propan-2-ol	
PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m ³ , 500 ppm
	Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 984 mg/m ³ , 400 ppm
	Long-term value: 491 mg/m ³ , 200 ppm
	BEI, A4
67-64-1 acetone	
PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm
	Long-term value: 594 mg/m ³ , 250 ppm
	A4, BEI
78-78-4 isopentane	
PEL	Long-term value: 2950 mg/m ³ , 1000 ppm
TLV	Long-term value: 2950 mg/m ³ , 1000 ppm
78-92-2 butanol	
PEL	Long-term value: 450 mg/m ³ , 150 ppm
REL	Short-term value: 455 mg/m ³ , 150 ppm
	Long-term value: 305 mg/m ³ , 100 ppm
TLV	Long-term value: 303 mg/m ³ , 100 ppm
108-21-4 isopropyl acetate	
PEL	Long-term value: 950 mg/m ³ , 250 ppm
TLV	Short-term value: 626 mg/m ³ , 150 ppm
	Long-term value: 417 mg/m ³ , 100 ppm
109-66-0 pentane	
PEL	Long-term value: 2950 mg/m ³ , 1000 ppm
REL	Long-term value: 350 mg/m ³ , 120 ppm
	Ceiling limit value: 1800* mg/m ³ , 610* ppm
	*15-min
TLV	Long-term value: 2950 mg/m ³ , 1000 ppm
141-78-6 ethyl acetate	
PEL	Long-term value: 1400 mg/m ³ , 400 ppm
REL	Long-term value: 1400 mg/m ³ , 400 ppm
TLV	Long-term value: 1440 mg/m ³ , 400 ppm
142-82-5 heptane	
PEL	Long-term value: 2000 mg/m ³ , 500 ppm
REL	Long-term value: 350 mg/m ³ , 85 ppm
	Ceiling limit value: 1800* mg/m ³ , 440* ppm
	*15-min
TLV	Short-term value: 400 ppm
	Long-term value: 200 ppm
	OTO

(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-945

(Contd. of page 8)

95-47-6 o-xylene

PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 20 ppm BEI, A4

100-41-4 ethylbenzene

PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 20 ppm OTO, BEI, A3

106-42-3 p-xylene

PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 20 ppm BEI, OTO, A4

108-38-3 m-xylene

PEL	Long-term value: 435 mg/m ³ , 100 ppm
REL	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 20 ppm BEI, A4

67-56-1 methanol

PEL	Long-term value: 260 mg/m ³ , 200 ppm
REL	Short-term value: 325 mg/m ³ , 250 ppm Long-term value: 260 mg/m ³ , 200 ppm Skin
TLV	Short-term value: 328 mg/m ³ , 250 ppm Long-term value: 262 mg/m ³ , 200 ppm Skin; BEI

108-88-3 toluene

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 ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	Long-term value: 20 ppm BEI, OTO, A4

109-99-9 tetrahydrofuran

PEL	Long-term value: 590 mg/m ³ , 200 ppm
REL	Short-term value: 735 mg/m ³ , 250 ppm Long-term value: 590 mg/m ³ , 200 ppm
TLV	Short-term value: 295 mg/m ³ , 100 ppm Long-term value: 147 mg/m ³ , 50 ppm Skin, A3, BEI

(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-945

(Contd. of page 9)

75-09-2 dichloromethane

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/m³, 50 ppm
 BEI, A3

123-91-1 1,4-dioxane

PEL Long-term value: 360 mg/m³, 100 ppm
 Skin

REL Ceiling limit value: 3.6* mg/m³, 1* ppm
 *30-min; See Pocket Guide App. A

TLV Long-term value: 72 mg/m³, 20 ppm
 Skin, A3

110-54-3 n-hexane

PEL Long-term value: 1800 mg/m³, 500 ppm

REL Long-term value: 180 mg/m³, 50 ppm

TLV Long-term value: 176 mg/m³, 50 ppm
 Skin; BEI

110-80-5 2-ethoxyethanol

PEL Long-term value: 740 mg/m³, 200 ppm
 Skin

REL Long-term value: 1.8 mg/m³, 0.5 ppm
 Skin

TLV Long-term value: 18 mg/m³, 5 ppm
 Skin; BEI

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

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

110-82-7 cyclohexane

BEI 50 mg/g creatinine
 Medium: -
 Time: End of shift, end of working week
 Parameter: 1,2-Cyclohexanediol (non-specific, with hydrolysis)

67-63-0 propan-2-ol

BEI 40 mg/L
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: Acetone (background, nonspecific)

67-64-1 acetone

BEI 25 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

(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-945

(Contd. of page 10)

95-47-6 o-xylene	
BEI	0.3 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
100-41-4 ethylbenzene	
BEI	0.15 g/g creatinine Medium: urine Time: end of shift Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)
106-42-3 p-xylene	
BEI	0.3 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
108-38-3 m-xylene	
BEI	0.3 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
67-56-1 methanol	
BEI	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
108-88-3 toluene	
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)
75-09-2 dichloromethane	
BEI	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
110-54-3 n-hexane	
BEI	0.5 mg/L Medium: urine Time: end of shift Parameter: 2,5-Hexanedione without hydrolysis

(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-945

(Contd. of page 11)

110-80-5 2-ethoxyethanol

BEI 40 mg/g creatinine
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: 2-Ethoxyacetic acid

- **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 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.
- **Boiling point/Boiling range:** 165.5 °C (329.9 °F)

(Contd. on page 13)

US

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 12)

· Flammability:	Not applicable.
· Explosion limits:	
· Lower:	1.7 Vol %
· Upper:	11.5 Vol %
· Flash point:	66 °C (150.8 °F)
· Auto igniting:	390 °C (734 °F)
· Decomposition temperature:	Not determined.
· pH-value:	Not determined.
· Viscosity:	
· Kinematic:	Not determined.
· Dynamic:	Not determined.
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Vapor pressure at 20 °C (68 °F):	3.3 hPa (2.5 mm Hg)
· Vapor pressure:	
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Particle characteristics	Not applicable.
· Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Solvent content:	
· Organic solvents:	49.1 %
· VOC content:	45.96 %
	459.6 g/l / 3.84 lb/gal
· Solids content:	48.7 %
· Change in condition	
· Evaporation rate	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 14)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 13)

*11 Toxicological information

· Information on toxicological effects

· Acute toxicity:

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Oral LD50 43,393 mg/kg (rat)

Dermal LD50 3,779 mg/kg

Inhalative LC50/4 h 2.94 mg/l

127-19-5 N,N-dimethylacetamide

Oral LD50 4,930 mg/kg (rat)

Dermal LD50 2,240 mg/kg (rabbit)

110-82-7 cyclohexane

Oral LD50 12,705 mg/kg (rat)

60-29-7 diethyl ether

Oral LD50 1,215 mg/kg (rat)

Inhalative LC50/4 h 73,000 mg/l (rat)

64-17-5 ethanol

Oral LD50 7,060 mg/kg (rat)

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

67-63-0 propan-2-ol

Oral LD50 5,045 mg/kg (rat)

Dermal LD50 12,800 mg/kg (rabbit)

Inhalative LC50/4 h 30 mg/l (rat)

67-64-1 acetone

Oral LD50 5,800 mg/kg (rat)

Dermal LD50 20,000 mg/kg (rabbit)

78-92-2 butanol

Oral LD50 6,480 mg/kg (rat)

108-21-4 isopropyl acetate

Oral LD50 3,000 mg/kg (rat)

141-78-6 ethyl acetate

Oral LD50 5,620 mg/kg (rabbit)

Inhalative LC50/4 h 1,600 mg/l (rat)

100-41-4 ethylbenzene

Oral LD50 3,500 mg/kg (rat)

Dermal LD50 17,800 mg/kg (rabbit)

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)

(Contd. on page 15)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 14)

67-56-1 methanol		
Oral	LD50	5,628 mg/kg (rat)
Dermal	LD50	15,800 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)
109-99-9 tetrahydrofuran		
Oral	LD50	2,500 mg/kg (rat)
75-09-2 dichloromethane		
Oral	LD50	1,600 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/l (rat)
123-91-1 1,4-dioxane		
Oral	LD50	5,700 mg/kg (mouse)
Dermal	LD50	7,600 mg/kg (rabbit)
Inhalative	LC50/4 h	46 mg/l (rat)
110-80-5 2-ethoxyethanol		
Oral	LD50	3,000 mg/kg (rat)
Dermal	LD50	3,300 mg/kg (rabbit)
Inhalative	LC50/4 h	2,000 mg/l (rat)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

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

Toxic

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
67-63-0	propan-2-ol	3
95-47-6	o-xylene	3
100-41-4	ethylbenzene	2B
106-42-3	p-xylene	3
108-38-3	m-xylene	3
108-88-3	toluene	3
109-99-9	tetrahydrofuran	2B
75-09-2	dichloromethane	2A
123-91-1	1,4-dioxane	2B
98-82-8	Cumene	2B
71-43-2	benzene	1

(Contd. on page 16)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 15)

· NTP (National Toxicology Program)		
75-09-2	dichloromethane	R
123-91-1	1,4-dioxane	R
98-82-8	Cumene	R
71-43-2	benzene	K
· OSHA-Ca (Occupational Safety & Health Administration)		
75-09-2	dichloromethane	
71-43-2	benzene	

· **Alternative sources for toxicological information** 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 3 (Self-assessment): extremely hazardous for water
 Do not allow product to reach ground water, water course or sewage system, even in small quantities.
 Danger to drinking water if even extremely 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

· UN-Number	
· DOT, IMDG, IATA	UN2810
· UN proper shipping name	
· DOT	Toxic, liquids, organic, n.o.s. (Methanol)
· IMDG	TOXIC LIQUID, ORGANIC, N.O.S. (METHANOL, HEPTANES), MARINE POLLUTANT
· IATA	Toxic liquid, organic, n.o.s. (METHANOL)

(Contd. on page 17)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 16)

· Transport hazard class(es) · DOT	
	
· Class · Label	6.1 Toxic substances 6.1
· IMDG	
 	
· Class · Label	6.1 Toxic substances 6.1
· IATA	
	
· Class · Label	6.1 Toxic substances 6.1
· Packing group · DOT, IMDG, IATA	III III
· Environmental hazards: · Marine pollutant:	Product contains environmentally hazardous substances: cyclohexane Symbol (fish and tree)
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT · Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	
	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category · Stowage Code	Warning: Toxic substances 60 F-A,S-A A SW2 Clear of living quarters.

(Contd. on page 18)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 17)

· UN "Model Regulation":

UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (METHANOL), 6.1, III, ENVIRONMENTALLY HAZARDOUS

*15 Regulatory information

After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes: (1) Processing as a reactant; (2) Processing for incorporation into a formulation, mixture, or reaction product; (3) Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical; (6) Industrial or commercial use as a bonding agent for solvent welding; (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion-sensitive components of aircraft and spacecraft; (8) Industrial and commercial use as a processing aid; (9) Industrial and commercial use for plastic and rubber products manufacturing; (10) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed; (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029; (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029; (13) Disposal; and (14) Export.

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

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

110-82-7 cyclohexane

67-63-0 propan-2-ol

78-92-2 butanol

95-47-6 o-xylene

100-41-4 ethylbenzene

106-42-3 p-xylene

108-38-3 m-xylene

67-56-1 methanol

108-88-3 toluene

107-21-1 ethanediol

75-09-2 dichloromethane

75-05-8 acetonitrile

123-91-1 1,4-dioxane

110-54-3 n-hexane

110-80-5 2-ethoxyethanol

98-82-8 Cumene

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.

(Contd. on page 19)

— US —

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 18)

· Hazardous Air Pollutants		
95-47-6	o-xylene	
100-41-4	ethylbenzene	
106-42-3	p-xylene	
108-38-3	m-xylene	
67-56-1	methanol	
108-88-3	toluene	
107-21-1	ethanediol	
75-09-2	dichloromethane	
75-05-8	acetonitrile	
123-91-1	1,4-dioxane	
110-54-3	n-hexane	
98-82-8	Cumene	
71-43-2	benzene	
· Proposition 65		
· Chemicals known to cause cancer:		
127-19-5	N,N-dimethylacetamide	
100-41-4	ethylbenzene	
109-99-9	tetrahydrofuran	
75-09-2	dichloromethane	
123-91-1	1,4-dioxane	
98-82-8	Cumene	
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	
110-80-5	2-ethoxyethanol	
71-43-2	benzene	
· Chemicals known to cause developmental toxicity:		
127-19-5	N,N-dimethylacetamide	
64-17-5	ethanol	
67-56-1	methanol	
108-88-3	toluene	
107-21-1	ethanediol	
110-80-5	2-ethoxyethanol	
71-43-2	benzene	
· Carcinogenic categories		
· EPA (Environmental Protection Agency)		
110-82-7	cyclohexane	I
67-64-1	acetone	I

(Contd. on page 20)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 19)

142-82-5	heptane	D
95-47-6	o-xylene	I
100-41-4	ethylbenzene	D
106-42-3	p-xylene	I
108-38-3	m-xylene	I
108-88-3	toluene	II
109-99-9	tetrahydrofuran	SC
75-09-2	dichloromethane	L
75-05-8	acetonitrile	CBD, D
123-91-1	1,4-dioxane	L
110-54-3	n-hexane	II
98-82-8	Cumene	D, CBD
71-43-2	benzene	A, K/L

· **TLV (Threshold Limit Value)**

127-19-5	N,N-dimethylacetamide	A4
64-17-5	ethanol	A3
67-63-0	propan-2-ol	A4
67-64-1	acetone	A4
95-47-6	o-xylene	A4
100-41-4	ethylbenzene	A3
106-42-3	p-xylene	A4
108-38-3	m-xylene	A4
108-88-3	toluene	A4
109-99-9	tetrahydrofuran	A3
107-21-1	ethanediol	A4
75-09-2	dichloromethane	A3
75-05-8	acetonitrile	A4
123-91-1	1,4-dioxane	A3
71-43-2	benzene	A1

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

75-09-2	dichloromethane
123-91-1	1,4-dioxane
71-43-2	benzene

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

GHS06



GHS07



GHS08

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

N,N-dimethylacetamide

cyclohexane

(Contd. on page 21)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 20)

ethylbenzene

ethanol

· Hazard statements

Combustible liquid.

Toxic if inhaled.

Causes skin irritation.

Causes serious eye irritation.

May cause cancer.

May damage fertility or the unborn child.

May cause drowsiness or dizziness.

May cause damage to the hearing organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

· 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 swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

If on skin: Wash with plenty of water.

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

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

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.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use CO₂, powder or water spray to extinguish.

Store in a well-ventilated place. Keep container tightly closed.

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 previous version** 03/01/2024· **Date of preparation** 06/30/2026

(Contd. on page 22)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-945

(Contd. of page 21)

· **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 3: Acute toxicity – Category 3

Skin irritation 2: Skin corrosion/irritation – Category 2

Eye irritation 2A: Serious eye damage/eye irritation – Category 2A

Carcinogenicity 1A: Carcinogenicity – Category 1A

Reproductive toxicity 1B: Reproductive toxicity – Category 1B

Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3

Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2

Aspiration hazard 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered.**