

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-397

· **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**



GHS02 Flame

Flammable liquids 2

H225 Highly flammable liquid and vapor.



GHS06 Skull and crossbones

Acute toxicity - inhalation 3

H331 Toxic if inhaled.



GHS08 Health hazard

Germ cell mutagenicity 1B

H340 May cause genetic defects.

Carcinogenicity 1A

H350 May cause cancer.

Specific target organ toxicity (single exposure) 1

H370 Causes damage to the central nervous system and the visual organs.

Specific target organ toxicity (repeated exposure) 1

H372 Causes damage to the central nervous system and the hematopoietic system through prolonged or repeated exposure.



GHS07

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Acute toxicity - dermal 4

H312 Harmful in contact with skin.

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

GHS02

GHS06

GHS08

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

methanol

dichloromethane

benzene

dimethylnitrosoamine

· **Hazard statements**

Highly flammable liquid and vapor.

Harmful in contact with skin.

Toxic if inhaled.

May cause genetic defects.

May cause cancer.

Causes damage to the central nervous system and the visual organs.

Causes damage to the central nervous system and the hematopoietic system 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.

Ground / bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Use non-sparking tools.

Take action to prevent static discharge.

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

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

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

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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.

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

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

Store in a well-ventilated place. Keep cool.

Store locked up.

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

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- **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:		
67-56-1	methanol	65–85%
75-09-2	dichloromethane	7–13%
71-43-2	benzene	1–5%
50-32-8	benzo[a]pyrene	≥0.01–<0.1%
53-70-3	dibenz[a,h]anthracene	≥0.01–≤0.1%
62-75-9	dimethylnitrosoamine	≥0.001–≤0.1%
92-87-5	benzidine	≥0.01–≤0.1%
621-64-7	nitrosodipropylamine	≥0.001–≤0.1%
· Non-hazardous components		
51-28-5	2,4-dinitrophenol	≤0.1%
56-55-3	benz[a]anthracene	<0.1%
59-50-7	chlorocresol	<0.1%
67-72-1	hexachloroethane	<0.1%
77-47-4	hexachlorocyclopentadiene	≤0.1%
78-59-1	3,5,5-trimethylcyclohex-2-enone	<0.1%
83-32-9	acenaphthene	≤0.1%
84-66-2	diethyl phthalate	<0.1%
84-74-2	dibutyl phthalate	<0.1%
85-01-8	phenanthrene, pure	<0.1%

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85-68-7	BBP	<0.1%
86-30-6	nitrosodiphenylamine	≤0.1%
86-73-7	fluorene	<0.1%
87-68-3	hexachlorobuta-1,3-diene	<0.1%
87-86-5	pentachlorophenol	<0.1%
88-06-2	2,4,6-trichlorophenol	<0.1%
88-75-5	2-nitrophenol	≤0.1%
91-20-3	naphthalene	<0.1%
91-58-7	2-chloronaphthalene	≤0.1%
91-94-1	3,3'-dichlorobenzidine	<0.1%
95-50-1	1,2-dichlorobenzene	≤0.1%
95-57-8	2-chlorophenol	<0.1%
98-95-3	nitrobenzene	<0.1%
100-02-7	4-nitrophenol	≤0.1%
101-55-3	4-Bromophenyl phenyl ether	<0.1%
105-67-9	2,4-xylenol	≤0.1%
106-46-7	1,4-dichlorobenzene	<0.1%
108-60-1	bis(2-chloro-1-methylethyl) ether	≤0.1%
108-95-2	phenol	≤0.1%
111-44-4	bis(2-chloroethyl) ether	<0.1%
111-91-1	bis(2-chloroethoxy)methane	≤0.1%
117-81-7	bis(2-ethylhexyl) phthalate	<0.1%
117-84-0	dioctyl phthalate	<0.1%
118-74-1	hexachlorobenzene	<0.1%
120-12-7	anthracene	<0.1%
120-82-1	1,2,4-trichlorobenzene	≤0.1%
120-83-2	2,4-dichlorophenol	<0.1%
121-14-2	2,4-dinitrotoluene	<0.1%
129-00-0	pyrene	<0.1%
131-11-3	dimethyl phthalate	≤0.1%
191-24-2	benzo[ghi]perylene	≤0.1%
193-39-5	indeno[1,2,3-cd]pyrene	<0.1%
205-99-2	benz[e]acephenanthrylene	<0.1%
206-44-0	fluoranthene	<0.1%
207-08-9	benzo[k]fluoranthene	<0.1%
208-96-8	acenaphthylene	≤0.1%
218-01-9	chrysene	<0.1%
534-52-1	DNOC	<0.1%
541-73-1	1,3-dichlorobenzene	≤0.1%
606-20-2	2,6-dinitrotoluene	<0.1%
7005-72-3	4-Chlorophenyl phenyl ether	≤0.1%

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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. Then 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.

Wear protective equipment. Keep unprotected persons away.

· 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).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· Protective Action Criteria for Chemicals

· PAC-1:

67-56-1	methanol	530 ppm
75-09-2	dichloromethane	200 ppm
71-43-2	benzene	52 ppm
50-32-8	benzo[a]pyrene	0.0056 mg/m ³
51-28-5	2,4-dinitrophenol	0.61 mg/m ³
53-70-3	dibenz[a,h]anthracene	0.012 mg/m ³
56-55-3	benz[a]anthracene	0.6 mg/m ³
59-50-7	chlorocresol	5.5 mg/m ³

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62-75-9	dimethylnitrosoamine	0.082 mg/m ³
67-72-1	hexachloroethane	3 ppm
77-47-4	hexachlorocyclopentadiene	0.33 mg/m ³
78-59-1	3,5,5-trimethylcyclohex-2-enone	12 ppm
83-32-9	acenaphthene	3.6 mg/m ³
84-66-2	diethyl phthalate	15 mg/m ³
84-74-2	dibutyl phthalate	15 mg/m ³
85-01-8	phenanthrene, pure	5.4 mg/m ³
85-68-7	BBP	15 mg/m ³
86-30-6	nitrosodiphenylamine	5.5 mg/m ³
86-73-7	fluorene	6.6 mg/m ³
87-68-3	hexachlorobuta-1,3-diene	1.0 ppm
87-86-5	pentachlorophenol	1 mg/m ³
88-06-2	2,4,6-trichlorophenol	2.5 mg/m ³
88-75-5	2-nitrophenol	2.1 mg/m ³
91-20-3	naphthalene	15 ppm
91-58-7	2-chloronaphthalene	6.2 mg/m ³
91-94-1	3,3'-dichlorobenzidine	2.1 ppm
92-87-5	benzidine	0.024 mg/m ³
95-50-1	1,2-dichlorobenzene	50 ppm
95-57-8	2-chlorophenol	2.3 mg/m ³
98-95-3	nitrobenzene	3 ppm

PAC-2:

67-56-1	methanol	2100 ppm
75-09-2	dichloromethane	560 ppm
71-43-2	benzene	800 ppm
50-32-8	benzo[a]pyrene	120 mg/m ³
51-28-5	2,4-dinitrophenol	1.4 mg/m ³
53-70-3	dibenz[a,h]anthracene	0.48 mg/m ³
56-55-3	benz[a]anthracene	1.4 ppm
59-50-7	chlorocresol	60 mg/m ³
62-75-9	dimethylnitrosoamine	0.57 ppm
67-72-1	hexachloroethane	36 ppm
77-47-4	hexachlorocyclopentadiene	1.9 mg/m ³
78-59-1	3,5,5-trimethylcyclohex-2-enone	33 ppm
83-32-9	acenaphthene	40 mg/m ³
84-66-2	diethyl phthalate	31 ppm
84-74-2	dibutyl phthalate	670 mg/m ³
85-01-8	phenanthrene, pure	1.8 ppm
85-68-7	BBP	77 mg/m ³
86-30-6	nitrosodiphenylamine	60 mg/m ³
86-73-7	fluorene	72 mg/m ³
87-68-3	hexachlorobuta-1,3-diene	3.0 ppm

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87-86-5	pentachlorophenol	15 mg/m ³
88-06-2	2,4,6-trichlorophenol	27 mg/m ³
88-75-5	2-nitrophenol	11 mg/m ³
91-20-3	naphthalene	83 ppm
91-58-7	2-chloronaphthalene	69 mg/m ³
91-94-1	3,3'-dichlorobenzidine	130 mg/m ³
92-87-5	benzidine	10 mg/m ³
95-50-1	1,2-dichlorobenzene	170 ppm
95-57-8	2-chlorophenol	25 mg/m ³
98-95-3	nitrobenzene	20 ppm
· PAC-3:		
67-56-1	methanol	7200 ppm
75-09-2	dichloromethane	6900 ppm
71-43-2	benzene	4000* ppm
50-32-8	benzo[a]pyrene	700 mg/m ³
51-28-5	2,4-dinitrophenol	8.3 mg/m ³
53-70-3	dibenz[a,h]anthracene	2.9 mg/m ³
56-55-3	benz[a]anthracene	8.5 ppm
59-50-7	chlorocresol	360 mg/m ³
62-75-9	dimethylnitrosoamine	3.4 ppm
67-72-1	hexachloroethane	300 ppm
77-47-4	hexachlorocyclopentadiene	11 mg/m ³
78-59-1	3,5,5-trimethylcyclohex-2-enone	200 ppm
83-32-9	acenaphthene	240 mg/m ³
84-66-2	diethyl phthalate	190 ppm
84-74-2	dibutyl phthalate	4000 mg/m ³
85-01-8	phenanthrene, pure	10 ppm
85-68-7	BBP	460 mg/m ³
86-30-6	nitrosodiphenylamine	360 mg/m ³
86-73-7	fluorene	430 mg/m ³
87-68-3	hexachlorobuta-1,3-diene	10 ppm
87-86-5	pentachlorophenol	150 mg/m ³
88-06-2	2,4,6-trichlorophenol	160 mg/m ³
88-75-5	2-nitrophenol	66 mg/m ³
91-20-3	naphthalene	500 ppm
91-58-7	2-chloronaphthalene	410 mg/m ³
91-94-1	3,3'-dichlorobenzidine	760 mg/m ³
92-87-5	benzidine	61 mg/m ³
95-50-1	1,2-dichlorobenzene	1,000 ppm
95-57-8	2-chlorophenol	150 mg/m ³
98-95-3	nitrobenzene	200 ppm

· Reference to other sections

See Section 7 for information on safe handling.

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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 ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

· Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles: Store in a cool location.

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

· Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· 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:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

67-56-1 methanol

PEL Long-term value: 260 mg/m³, 200 ppmREL Short-term value: 325 mg/m³, 250 ppmLong-term value: 260 mg/m³, 200 ppm

Skin

TLV Short-term value: 328 mg/m³, 250 ppmLong-term value: 262 mg/m³, 200 ppm

Skin; BEI

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

71-43-2 benzene

PEL Short-term value: 15* mg/m³, 5* ppmLong-term value: 3* mg/m³, 1* ppm

*table Z-2 for exclusions in 29CFR1910.1028(d)

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<i>REL</i>	Short-term value: 1 ppm Long-term value: 0.1 ppm See Pocket Guide App. A
<i>TLV</i>	Long-term value: 0.02 ppm Skin; BEI, A1
50-32-8 benzo[a]pyrene	
<i>PEL</i>	Long-term value: 0.2 mg/m ³ see Coal tar pitch volatiles
<i>REL</i>	Long-term value: 0.1 mg/m ³ Coal tar pitch volatile; Pocket Guide Apps. A+C
<i>TLV</i>	L; BEIp, A2
62-75-9 dimethylnitrosoamine	
<i>PEL</i>	see 29 CFR 1910.1003
<i>REL</i>	See Pocket Guide App. A
<i>TLV</i>	Skin; L, A3
92-87-5 benzidine	
<i>PEL</i>	see 29 CFR 1910.1003
<i>REL</i>	See Pocket Guide Apps. A and C
<i>TLV</i>	Skin; L, A1
Ingredients with biological limit values:	
67-56-1 methanol	
<i>BEI</i>	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)
75-09-2 dichloromethane	
<i>BEI</i>	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
71-43-2 benzene	
<i>BEI</i>	25 µg/g creatinine Medium: urine Time: end of shift Parameter: S-Phenylmercapturic acid (background) 500 µg/g creatinine Medium: urine Time: end of shift Parameter: t,t-Muconic acid (background)

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50-32-8 benzo[a]pyrene

BEI	2.5 µg/L
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: 1-Hydroxypyrene (background)
	2.5 µg/L
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: Hydroxybenzo (a)pyrene (non-quantitative, with 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 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

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· Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	40 °C (104 °F)
· Flammability:	Highly flammable.
· Explosion limits:	
· Lower:	5.5 Vol %
· Upper:	44 Vol %
· Flash point:	-11 °C (12.2 °F)
· Auto igniting:	455 °C (851 °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):	453 hPa (339.8 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:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Solvent content:	
· Organic solvents:	99.5 %
· VOC content:	87.13 %
	871.3 g/l / 7.27 lb/gal
· Solids content:	0.3 %
· 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.

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· **Hazardous decomposition products:** No dangerous decomposition products known.

*11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Oral	LD50	12,945 mg/kg (rat)
Dermal	LD50	1,090 mg/kg (mouse)
Inhalative	LC50/4 h	3.63 mg/l

67-56-1 methanol

Oral	LD50	5,628 mg/kg (rat)
Dermal	LD50	15,800 mg/kg (rabbit)

75-09-2 dichloromethane

Oral	LD50	1,600 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/l (rat)

71-43-2 benzene

Oral	LD50	4,894 mg/kg (rat)
Dermal	LD50	48 mg/kg (mouse)
Inhalative	LC50/4 h	9,980 mg/l (mouse)

· **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:

Toxic

Harmful

The product can cause inheritable damage.

· **Interactive effects** No interactive effects between components are known.

· **Carcinogenic categories**

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

75-09-2	dichloromethane	2A
71-43-2	benzene	1
50-32-8	benzo[a]pyrene	1
53-70-3	dibenz[a,h]anthracene	2A
56-55-3	benz[a]anthracene	2B
62-75-9	dimethylnitrosoamine	2A
67-72-1	hexachloroethane	2B
78-59-1	3,5,5-trimethylcyclohex-2-enone	2B
83-32-9	acenaphthene	3
85-01-8	phenanthrene, pure	3
85-68-7	BBP	3

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86-30-6	nitrosodiphenylamine	3
86-73-7	fluorene	3
87-68-3	hexachlorobuta-1,3-diene	3
87-86-5	pentachlorophenol	1
88-06-2	2,4,6-trichlorophenol	2B
91-20-3	naphthalene	2B
91-94-1	3,3'-dichlorobenzidine	2B
92-87-5	benzidine	1
95-50-1	1,2-dichlorobenzene	3
95-57-8	2-chlorophenol	2B
98-95-3	nitrobenzene	2B
106-46-7	1,4-dichlorobenzene	2B
108-60-1	bis(2-chloro-1-methylethyl) ether	3
108-95-2	phenol	3
111-44-4	bis(2-chloroethyl) ether	3
117-81-7	bis(2-ethylhexyl) phthalate	2B
118-74-1	hexachlorobenzene	2B
120-12-7	anthracene	2B
120-83-2	2,4-dichlorophenol	2B

· NTP (National Toxicology Program)

75-09-2	dichloromethane	R
71-43-2	benzene	K
50-32-8	benzo[a]pyrene	R
53-70-3	dibenz[a,h]anthracene	R
56-55-3	benz[a]anthracene	R
62-75-9	dimethylnitrosoamine	R
67-72-1	hexachloroethane	R
85-01-8	phenanthrene, pure	R
86-73-7	fluorene	R
87-86-5	pentachlorophenol	R
88-06-2	2,4,6-trichlorophenol	R
91-20-3	naphthalene	R
91-94-1	3,3'-dichlorobenzidine	R
92-87-5	benzidine	K
98-95-3	nitrobenzene	R
106-46-7	1,4-dichlorobenzene	R
117-81-7	bis(2-ethylhexyl) phthalate	R
118-74-1	hexachlorobenzene	R
120-12-7	anthracene	R
129-00-0	pyrene	R
193-39-5	indeno[1,2,3-cd]pyrene	R
205-99-2	benz[e]acephenanthrylene	R
206-44-0	fluoranthene	R

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207-08-9	benzo[k]fluoranthene	R
218-01-9	chrysene	R
621-64-7	nitrosodipropylamine	R

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

75-09-2	dichloromethane
71-43-2	benzene
62-75-9	dimethylnitrosoamine
91-94-1	3,3'-dichlorobenzidine
92-87-5	benzidine

· **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	UN1992
· UN proper shipping name	
· DOT	Flammable liquids, toxic, n.o.s. (Methanol, Benzene)
· IMDG	FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL, BENZENE)
· IATA	Flammable liquid, toxic, n.o.s. (METHANOL, BENZENE)

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· Transport hazard class(es) · DOT	
	
· Class · Label	3 Flammable liquids 3, 6.1
· IMDG	
	
· Class · Label	3 Flammable liquids 3/6.1
· IATA	
	
· Class · Label	3 Flammable liquids 3 (6.1)
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· 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: 1 L On cargo aircraft only: 60 L
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	
	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category · Stowage Code	Warning: Flammable liquids 336 F-E,S-D B SW2 Clear of living quarters.
· UN "Model Regulation":	UN 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL, BENZENE), 3 (6.1), II

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*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):

62-75-9	dimethylnitrosoamine
77-47-4	hexachlorocyclopentadiene
98-95-3	nitrobenzene
108-95-2	phenol
111-44-4	bis(2-chloroethyl) ether
129-00-0	pyrene
534-52-1	DNOC

· Section 313 (Specific toxic chemical listings):

67-56-1	methanol
75-09-2	dichloromethane
71-43-2	benzene
50-32-8	benzo[a]pyrene
51-28-5	2,4-dinitrophenol
53-70-3	dibenz[a,h]anthracene
56-55-3	benz[a]anthracene
62-75-9	dimethylnitrosoamine
67-72-1	hexachloroethane
77-47-4	hexachlorocyclopentadiene
84-74-2	dibutyl phthalate
85-01-8	phenanthrene, pure
86-30-6	nitrosodiphenylamine
87-68-3	hexachlorobuta-1,3-diene
87-86-5	pentachlorophenol
88-06-2	2,4,6-trichlorophenol
88-75-5	2-nitrophenol
91-20-3	naphthalene
91-94-1	3,3'-dichlorobenzidine

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92-87-5	benzidine
95-50-1	1,2-dichlorobenzene
95-57-8	2-chlorophenol
98-95-3	nitrobenzene
100-02-7	4-nitrophenol
105-67-9	2,4-xilenol
106-46-7	1,4-dichlorobenzene
108-60-1	bis(2-chloro-1-methylethyl) ether
108-95-2	phenol
111-44-4	bis(2-chloroethyl) ether
111-91-1	bis(2-chloroethoxy)methane

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.

67-56-1	methanol	ACTIVE
75-09-2	dichloromethane	ACTIVE
71-43-2	benzene	ACTIVE
50-32-8	benzo[a]pyrene	ACTIVE
51-28-5	2,4-dinitrophenol	ACTIVE
53-70-3	dibenz[a,h]anthracene	ACTIVE
56-55-3	benz[a]anthracene	ACTIVE
59-50-7	chlorocresol	ACTIVE
62-75-9	dimethylnitrosoamine	ACTIVE
67-72-1	hexachloroethane	ACTIVE
77-47-4	hexachlorocyclopentadiene	ACTIVE
78-59-1	3,5,5-trimethylcyclohex-2-enone	ACTIVE
83-32-9	acenaphthene	ACTIVE
84-66-2	diethyl phthalate	ACTIVE
84-74-2	dibutyl phthalate	ACTIVE
85-01-8	phenanthrene, pure	ACTIVE
85-68-7	BBP	ACTIVE
86-30-6	nitrosodiphenylamine	ACTIVE
86-73-7	fluorene	ACTIVE
87-68-3	hexachlorobuta-1,3-diene	ACTIVE
87-86-5	pentachlorophenol	ACTIVE
88-06-2	2,4,6-trichlorophenol	ACTIVE
88-75-5	2-nitrophenol	ACTIVE
91-20-3	naphthalene	ACTIVE
91-58-7	2-chloronaphthalene	ACTIVE
91-94-1	3,3'-dichlorobenzidine	ACTIVE
92-87-5	benzidine	ACTIVE
95-50-1	1,2-dichlorobenzene	ACTIVE
95-57-8	2-chlorophenol	ACTIVE

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98-95-3	nitrobenzene	ACTIVE
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· Hazardous Air Pollutants

67-56-1	methanol
75-09-2	dichloromethane
71-43-2	benzene
50-32-8	benzo[a]pyrene
51-28-5	2,4-dinitrophenol
53-70-3	dibenz[a,h]anthracene
56-55-3	benz[a]anthracene
62-75-9	dimethylnitrosoamine
67-72-1	hexachloroethane
77-47-4	hexachlorocyclopentadiene
78-59-1	3,5,5-trimethylcyclohex-2-enone
84-74-2	dibutyl phthalate
85-01-8	phenanthrene, pure
86-73-7	fluorene
87-68-3	hexachlorobuta-1,3-diene
87-86-5	pentachlorophenol
88-06-2	2,4,6-trichlorophenol
91-20-3	naphthalene
91-94-1	3,3'-dichlorobenzidine
92-87-5	benzidine
98-95-3	nitrobenzene
100-02-7	4-nitrophenol
106-46-7	1,4-dichlorobenzene
108-95-2	phenol
111-44-4	bis(2-chloroethyl) ether
117-81-7	bis(2-ethylhexyl) phthalate
118-74-1	hexachlorobenzene
120-12-7	anthracene
120-82-1	1,2,4-trichlorobenzene
121-14-2	2,4-dinitrotoluene

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

75-09-2	dichloromethane
71-43-2	benzene
50-32-8	benzo[a]pyrene
53-70-3	dibenz[a,h]anthracene
56-55-3	benz[a]anthracene
62-75-9	dimethylnitrosoamine
67-72-1	hexachloroethane
86-30-6	nitrosodiphenylamine
87-68-3	hexachlorobuta-1,3-diene

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87-86-5	pentachlorophenol
88-06-2	2,4,6-trichlorophenol
91-20-3	naphthalene
91-94-1	3,3'-dichlorobenzidine
92-87-5	benzidine
98-95-3	nitrobenzene
106-46-7	1,4-dichlorobenzene
108-60-1	bis(2-chloro-1-methylethyl) ether
111-44-4	bis(2-chloroethyl) ether
117-81-7	bis(2-ethylhexyl) phthalate
118-74-1	hexachlorobenzene
120-12-7	anthracene
121-14-2	2,4-dinitrotoluene
193-39-5	indeno[1,2,3-cd]pyrene
205-99-2	benz[e]acephenanthrylene
207-08-9	benzo[k]fluoranthene
218-01-9	chrysene
606-20-2	2,6-dinitrotoluene
621-64-7	nitrosodipropylamine

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

84-74-2	dibutyl phthalate
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· **Chemicals known to cause reproductive toxicity for males:**

71-43-2	benzene
84-74-2	dibutyl phthalate
98-95-3	nitrobenzene
117-81-7	bis(2-ethylhexyl) phthalate
121-14-2	2,4-dinitrotoluene
606-20-2	2,6-dinitrotoluene

· **Chemicals known to cause developmental toxicity:**

67-56-1	methanol
71-43-2	benzene
84-74-2	dibutyl phthalate
85-68-7	BBP
117-81-7	bis(2-ethylhexyl) phthalate
118-74-1	hexachlorobenzene

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

75-09-2	dichloromethane	L
71-43-2	benzene	A, K/L
50-32-8	benzo[a]pyrene	CaH
53-70-3	dibenz[a,h]anthracene	B2
56-55-3	benz[a]anthracene	B2

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62-75-9	dimethylnitrosoamine	B2
67-72-1	hexachloroethane	L
77-47-4	hexachlorocyclopentadiene	E, NL
78-59-1	3,5,5-trimethylcyclohex-2-enone	C
84-66-2	diethyl phthalate	D
84-74-2	dibutyl phthalate	D
85-01-8	phenanthrene, pure	D
85-68-7	BBP	C
86-30-6	nitrosodiphenylamine	B2
86-73-7	fluorene	D
87-68-3	hexachlorobuta-1,3-diene	C
87-86-5	pentachlorophenol	L
88-06-2	2,4,6-trichlorophenol	B2
91-20-3	naphthalene	C, CBD
91-94-1	3,3'-dichlorobenzidine	B2
92-87-5	benzidine	A
95-50-1	1,2-dichlorobenzene	D
98-95-3	nitrobenzene	L
101-55-3	4-Bromophenyl phenyl ether	D
108-95-2	phenol	D, I
111-44-4	bis(2-chloroethyl) ether	B2
111-91-1	bis(2-chloroethoxy)methane	D
117-81-7	bis(2-ethylhexyl) phthalate	B2
118-74-1	hexachlorobenzene	B2
120-12-7	anthracene	D

· TLV (Threshold Limit Value)

75-09-2	dichloromethane	A3
71-43-2	benzene	A1
50-32-8	benzo[a]pyrene	A2
56-55-3	benz[a]anthracene	A2
62-75-9	dimethylnitrosoamine	A3
67-72-1	hexachloroethane	A3
77-47-4	hexachlorocyclopentadiene	A4
78-59-1	3,5,5-trimethylcyclohex-2-enone	A3
84-66-2	diethyl phthalate	A4
87-68-3	hexachlorobuta-1,3-diene	A3
87-86-5	pentachlorophenol	A3
91-20-3	naphthalene	A4
91-94-1	3,3'-dichlorobenzidine	A3
92-87-5	benzidine	A1
95-50-1	1,2-dichlorobenzene	A4
98-95-3	nitrobenzene	A3
106-46-7	1,4-dichlorobenzene	A3

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108-95-2	phenol	A4
111-44-4	bis(2-chloroethyl) ether	A4
117-81-7	bis(2-ethylhexyl) phthalate	A3
118-74-1	hexachlorobenzene	A3
205-99-2	benz[e]acephenanthrylene	A2
218-01-9	chrysene	A3

· NIOSH-Ca (National Institute for Occupational Safety and Health)		
75-09-2	dichloromethane	
71-43-2	benzene	
50-32-8	benzo[a]pyrene	
62-75-9	dimethylnitrosoamine	
67-72-1	hexachloroethane	
87-68-3	hexachlorobuta-1,3-diene	
91-94-1	3,3'-dichlorobenzidine	
92-87-5	benzidine	
106-46-7	1,4-dichlorobenzene	
111-44-4	bis(2-chloroethyl) ether	
117-81-7	bis(2-ethylhexyl) phthalate	
218-01-9	chrysene	

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

· **Hazard pictograms**



GHS02 GHS06 GHS08

· **Signal word** Danger

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

methanol

dichloromethane

benzene

dimethylnitrosoamine

· **Hazard statements**

Highly flammable liquid and vapor.

Harmful in contact with skin.

Toxic if inhaled.

May cause genetic defects.

May cause cancer.

Causes damage to the central nervous system and the visual organs.

Causes damage to the central nervous system and the hematopoietic system 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.

Ground / bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Use non-sparking tools.

Take action to prevent static discharge.

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Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 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.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place. Keep container tightly closed.
 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 previous version** 10/24/2024

· **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 2: Flammable liquids – Category 2

Acute toxicity - dermal 4: Acute toxicity – Category 4

Acute toxicity - inhalation 3: Acute toxicity – Category 3

Germ cell mutagenicity 1B: Germ cell mutagenicity – Category 1B

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Carcinogenicity 1A: Carcinogenicity – Category 1A

Specific target organ toxicity (single exposure) 1: Specific target organ toxicity (single exposure) – Category 1

Specific target organ toxicity (repeated exposure) 1: Specific target organ toxicity (repeated exposure) – Category 1

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

— US —