

Safety Data Sheet acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

1 Identification

· **Product identifier**

· **Trade name:** **WL-729B**

· **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**



GHS08 Health hazard

Carcinogenicity 1A H350 May cause cancer.



GHS07

Acute toxicity - oral 4 H302 Harmful if swallowed.

· **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:**

dichloromethane
dimethylnitrosoamine
nitrosodipropylamine
benzo[a]pyrene

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- **Hazard statements**

Harmful if swallowed.

May cause cancer.

- **Precautionary statements**

Obtain special instructions before use.

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

Wash thoroughly after handling.

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

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

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

If exposed or concerned: Get medical advice/attention.

Store locked up.

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

- **Information pertaining to particular dangers for man and environment:**

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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

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

- **Hazards not otherwise classified**

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

* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

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

- **Dangerous components:**

75-09-2	dichloromethane	80–100%
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%
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56-55-3	benz[a]anthracene	<0.1%
58-90-2	2,3,4,6-tetrachlorophenol	<0.1%
59-50-7	chlorocresol	<0.1%
62-53-3	aniline	<0.1%
65-85-0	Benzoic acid	≤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%
85-68-7	BBP	<0.1%
86-73-7	fluorene	<0.1%
86-74-8	carbazole	<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%
88-74-4	o-nitroaniline	≤0.1%
88-75-5	2-nitrophenol	≤0.1%
90-12-0	1-methylnaphthalene	≤0.1%
91-20-3	naphthalene	<0.1%
91-57-6	2-methylnaphthalene	≤0.1%
91-58-7	2-chloronaphthalene	≤0.1%
91-94-1	3,3'-dichlorobenzidine	<0.1%
95-48-7	o-cresol	≤0.1%
95-50-1	1,2-dichlorobenzene	≤0.1%
95-57-8	2-chlorophenol	<0.1%
95-95-4	2,4,5-trichlorophenol	<0.1%
98-95-3	nitrobenzene	<0.1%
99-09-2	m-nitroaniline	≤0.1%
99-65-0	1,3-dinitrobenzene	≤0.1%
100-01-6	p-nitroaniline	≤0.1%
100-02-7	4-nitrophenol	≤0.1%
100-25-4	1,4-dinitrobenzene	≤0.1%
100-51-6	benzyl alcohol	<0.1%
101-55-3	4-Bromophenyl phenyl ether	<0.1%
103-23-1	Di-(2-ethylhexyl) adipate	<0.1%
103-33-3	azobenzene	<0.1%
105-67-9	2,4-xylenol	≤0.1%
106-46-7	1,4-dichlorobenzene	<0.1%
106-47-8	4-chloroaniline	<0.1%
108-60-1	bis(2-chloro-1-methylethyl) ether	≤0.1%

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108-95-2	phenol	≤0.1%
110-86-1	pyridine	<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%
118-79-6	2,4,6-tribromophenol	<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%
122-39-4	diphenylamine	<0.1%
129-00-0	pyrene	<0.1%
131-11-3	dimethyl phthalate	≤0.1%
132-64-9	dibenzofuran	≤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%
321-60-8	2-fluorobiphenyl	≤0.1%
367-12-4	2-fluorophenol	≤0.1%
528-29-0	1,2-dinitrobenzene	≤0.1%
534-52-1	DNOC	<0.1%
541-73-1	1,3-dichlorobenzene	≤0.1%
606-20-2	2,6-dinitrotoluene	<0.1%
935-95-5	2,3,5,6-Tetrachlorophenol	≤0.1%
1718-51-0	1,1':4',1''-terphenyl-2,2',2'',3,3',3'',4,4'',5,5',5'',6,6',6''-d14	≤0.1%
4165-60-0	Nitrobenzene-d5	<0.1%
4165-62-2	Phenol-D5	≤0.1%
7005-72-3	4-Chlorophenyl phenyl ether	≤0.1%
106-44-5	p-cresol	≤0.1%
108-39-4	m-cresol	≤0.1%

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; consult doctor in case of complaints.

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- **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:** Immediately call a 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:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

* 6 Accidental release measures

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

75-09-2	dichloromethane	200 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
62-53-3	aniline	8.0 ppm
62-75-9	dimethylnitrosoamine	0.082 mg/m ³
65-85-0	Benzoic acid	13 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
86-73-7	fluorene	6.6 mg/m ³
86-74-8	carbazole	0.66 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

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88-74-4	<i>o</i> -nitroaniline	10 mg/m ³
88-75-5	2-nitrophenol	2.1 mg/m ³
90-12-0	1-methylnaphthalene	20 mg/m ³
91-20-3	naphthalene	15 ppm
91-57-6	2-methylnaphthalene	9 mg/m ³
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

· PAC-2:

75-09-2	dichloromethane	560 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
62-53-3	aniline	12 ppm
62-75-9	dimethylnitrosoamine	0.57 ppm
65-85-0	Benzoic acid	140 mg/m ³
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
86-73-7	fluorene	72 mg/m ³
86-74-8	carbazole	7.2 mg/m ³
87-68-3	hexachlorobuta-1,3-diene	3.0 ppm
87-86-5	pentachlorophenol	15 mg/m ³
88-06-2	2,4,6-trichlorophenol	27 mg/m ³
88-74-4	<i>o</i> -nitroaniline	53 mg/m ³
88-75-5	2-nitrophenol	11 mg/m ³
90-12-0	1-methylnaphthalene	61 mg/m ³
91-20-3	naphthalene	83 ppm
91-57-6	2-methylnaphthalene	54 mg/m ³
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

· PAC-3:

75-09-2	dichloromethane	6900 ppm
50-32-8	benzo[a]pyrene	700 mg/m ³
51-28-5	2,4-dinitrophenol	8.3 mg/m ³

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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
62-53-3	aniline	20 ppm
62-75-9	dimethylnitrosoamine	3.4 ppm
65-85-0	Benzoic acid	830 mg/m ³
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
86-73-7	fluorene	430 mg/m ³
86-74-8	carbazole	43 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
88-74-4	o-nitroaniline	320 mg/m ³
88-75-5	2-nitrophenol	66 mg/m ³
90-12-0	1-methylnaphthalene	360 mg/m ³
91-20-3	naphthalene	500 ppm
91-57-6	2-methylnaphthalene	320 mg/m ³
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

· **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.

· **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.

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· **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.

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

50-32-8 benzo[a]pyrene

PEL Long-term value: 0.2 mg/m³
see Coal tar pitch volatiles

REL Long-term value: 0.1 mg/m³
Coal tar pitch volatile; Pocket Guide Apps. A+C

TLV L; BEIp, A2

62-75-9 dimethylnitrosoamine

PEL see 29 CFR 1910.1003

REL See Pocket Guide App. A

TLV Skin; L, A3

92-87-5 benzidine

PEL see 29 CFR 1910.1003

REL See Pocket Guide Apps. A and C

TLV Skin; L, A1

· **Ingredients with biological limit values:**

75-09-2 dichloromethane

BEI 0.3 mg/L
Medium: urine
Time: end of shift
Parameter: Dichloromethane (semi-quantitative)

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.

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- **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.
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:**
Safety glasses



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:** Colorless
- **Odor:** Like chlorine
- **Odor threshold:** Not determined.
- **Melting point/Melting range:** -95.1 °C (-139.2 °F)
- **Boiling point/Boiling range:** 40 °C (104 °F)
- **Flammability:** Not applicable.
- **Explosion limits:**
- **Lower:** 13 Vol %
- **Upper:** 22 Vol %
- **Flash point:** Not applicable.
- **Auto igniting:** 605 °C (1,121 °F)
- **Decomposition temperature:** Not determined.
- **pH-value:** Not determined.

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· Viscosity:	
· Kinematic:	Not determined.
· Dynamic at 20 °C (68 °F):	0.43 mPas
· Solubility in / Miscibility with	
· Water at 20 °C (68 °F):	20 g/l
· Partition coefficient (n-octanol/water):	Not determined.
· Vapor pressure at 20 °C (68 °F):	453 hPa (339.8 mm Hg)
· Vapor pressure:	
· Density at 20 °C (68 °F):	1.33 g/cm ³ (11.09885 lbs/gal)
· 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 does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	98.8 %
· VOC content:	0.12 %
	1.2 g/l / 0.01 lb/gal
· Solids content:	0.8 %
· 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.

*11 Toxicological information

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

· LD/LC50 values that are relevant for classification:		
ATE (Acute Toxicity Estimate)		
Oral	LD50	1,622 mg/kg (rat)
75-09-2 dichloromethane		
Oral	LD50	1,600 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.

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- **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
- **Interactive effects** No interactive effects between components are known.
- **Carcinogenic categories**

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

75-09-2	dichloromethane	2A
50-32-8	benzo[a]pyrene	1
53-70-3	dibenz[a,h]anthracene	2A
56-55-3	benz[a]anthracene	2B
58-90-2	2,3,4,6-tetrachlorophenol	2B
62-53-3	aniline	2A
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
86-73-7	fluorene	3
86-74-8	carbazole	2B
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
95-95-4	2,4,5-trichlorophenol	2B
98-95-3	nitrobenzene	2B
103-23-1	Di-(2-ethylhexyl) adipate	3
103-33-3	azobenzene	3
106-46-7	1,4-dichlorobenzene	2B
106-47-8	4-chloroaniline	2B
108-60-1	bis(2-chloro-1-methylethyl) ether	3
108-95-2	phenol	3

· **NTP (National Toxicology Program)**

75-09-2	dichloromethane	R
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

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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
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
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.

— US —

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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.

14 Transport information

· UN-Number · DOT · IMDG, IATA	not regulated UN3082
· UN proper shipping name · DOT · IMDG · IATA	not regulated ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nitrobenzene-d5, HEXACHLOROCYCLOPENTADIENE), MARINE POLLUTANT Environmentally hazardous substance, liquid, n.o.s. (Nitrobenzene-d5, HEXACHLOROCYCLOPENTADIENE)
· Transport hazard class(es) · DOT · Class	not regulated
· IMDG, IATA	
	
· Class · Label	9 Miscellaneous dangerous substances and articles 9
· Packing group · DOT · IMDG, IATA	not regulated III
· Environmental hazards: · Marine pollutant: · Special marking (IATA):	Symbol (fish and tree) Symbol (fish and tree)
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· 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):	Warning: Miscellaneous dangerous substances and articles 90

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· EMS Number:	F-A,S-F
· Stowage Category	A
· UN "Model Regulation":	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (NITROBENZENE-D5, HEXACHLOROCYCLOPENTADIENE), 9, III

*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):	
62-53-3	aniline
62-75-9	dimethylnitrosoamine
77-47-4	hexachlorocyclopentadiene
95-48-7	o-cresol
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):	
75-09-2	dichloromethane
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
58-90-2	2,3,4,6-tetrachlorophenol
62-53-3	aniline
62-75-9	dimethylnitrosoamine
67-72-1	hexachloroethane
77-47-4	hexachlorocyclopentadiene
84-74-2	dibutyl phthalate

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85-01-8	phenanthrene, pure
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
92-87-5	benzidine
95-48-7	o-cresol
95-50-1	1,2-dichlorobenzene
95-57-8	2-chlorophenol
95-95-4	2,4,5-trichlorophenol
98-95-3	nitrobenzene
99-65-0	1,3-dinitrobenzene
100-01-6	p-nitroaniline
100-02-7	4-nitrophenol
100-25-4	1,4-dinitrobenzene
105-67-9	2,4-xyleneol
106-46-7	1,4-dichlorobenzene

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.

75-09-2	dichloromethane	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
58-90-2	2,3,4,6-tetrachlorophenol	ACTIVE
59-50-7	chlorocresol	ACTIVE
62-53-3	aniline	ACTIVE
62-75-9	dimethylnitrosoamine	ACTIVE
65-85-0	Benzoic acid	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
86-73-7	fluorene	ACTIVE
86-74-8	carbazole	ACTIVE
87-68-3	hexachlorobuta-1,3-diene	ACTIVE

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87-86-5	pentachlorophenol	ACTIVE
88-06-2	2,4,6-trichlorophenol	ACTIVE
88-74-4	o-nitroaniline	ACTIVE
88-75-5	2-nitrophenol	ACTIVE
90-12-0	1-methylnaphthalene	ACTIVE
91-20-3	naphthalene	ACTIVE
91-57-6	2-methylnaphthalene	ACTIVE
91-58-7	2-chloronaphthalene	ACTIVE
91-94-1	3,3'-dichlorobenzidine	ACTIVE

· Hazardous Air Pollutants		
75-09-2	dichloromethane	
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	
62-53-3	aniline	
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	
95-48-7	o-cresol	
95-95-4	2,4,5-trichlorophenol	
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	

· Proposition 65		
· Chemicals known to cause cancer:		
75-09-2	dichloromethane	

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50-32-8	benzo[a]pyrene
53-70-3	dibenz[a,h]anthracene
56-55-3	benz[a]anthracene
62-53-3	aniline
62-75-9	dimethylnitrosoamine
67-72-1	hexachloroethane
86-74-8	carbazole
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
103-33-3	azobenzene
106-46-7	1,4-dichlorobenzene
106-47-8	4-chloroaniline
108-60-1	bis(2-chloro-1-methylethyl) ether
110-86-1	pyridine
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

· **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:**

84-74-2	dibutyl phthalate
98-95-3	nitrobenzene
99-65-0	1,3-dinitrobenzene
100-25-4	1,4-dinitrobenzene
117-81-7	bis(2-ethylhexyl) phthalate
121-14-2	2,4-dinitrotoluene
528-29-0	1,2-dinitrobenzene
606-20-2	2,6-dinitrotoluene

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

84-74-2	dibutyl phthalate
85-68-7	BBP

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117-81-7	bis(2-ethylhexyl) phthalate
118-74-1	hexachlorobenzene

· **Carcinogenic categories**· **EPA (Environmental Protection Agency)**

75-09-2	dichloromethane	L
50-32-8	benzo[a]pyrene	CaH
53-70-3	dibenz[a,h]anthracene	B2
56-55-3	benz[a]anthracene	B2
62-53-3	aniline	B2
62-75-9	dimethylnitrosoamine	B2
65-85-0	Benzoic acid	D
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
86-73-7	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
91-57-6	2-methylnaphthalene	I
91-94-1	3,3'-dichlorobenzidine	B2
92-87-5	benzidine	A
95-48-7	o-cresol	C
95-50-1	1,2-dichlorobenzene	D
98-95-3	nitrobenzene	L
99-65-0	1,3-dinitrobenzene	D
100-25-4	1,4-dinitrobenzene	D
101-55-3	4-Bromophenyl phenyl ether	D
103-23-1	Di-(2-ethylhexyl) adipate	C
103-33-3	azobenzene	B2

· **TLV (Threshold Limit Value)**

75-09-2	dichloromethane	A3
50-32-8	benzo[a]pyrene	A2
56-55-3	benz[a]anthracene	A2
62-53-3	aniline	A3
62-75-9	dimethylnitrosoamine	A3
67-72-1	hexachloroethane	A3
77-47-4	hexachlorocyclopentadiene	A4

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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
90-12-0	1-methylnaphthalene	A4
91-20-3	naphthalene	A4
91-57-6	2-methylnaphthalene	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
100-01-6	p-nitroaniline	A4
106-46-7	1,4-dichlorobenzene	A3
108-95-2	phenol	A4
110-86-1	pyridine	A3
111-44-4	bis(2-chloroethyl) ether	A4
117-81-7	bis(2-ethylhexyl) phthalate	A3
118-74-1	hexachlorobenzene	A3
122-39-4	diphenylamine	A4
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
50-32-8	benzo[a]pyrene
62-53-3	aniline
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**



GHS07 GHS08

· **Signal word** Danger

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

dichloromethane

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dimethylnitrosoamine

nitrosodipropylamine

benzo[a]pyrene

- **Hazard statements**

Harmful if swallowed.

May cause cancer.

- **Precautionary statements**

Obtain special instructions before use.

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

Wash thoroughly after handling.

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

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

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

If exposed or concerned: Get medical advice/attention.

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** 03/13/2024

- **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

Acute toxicity - oral 4: Acute toxicity – Category 4

Carcinogenicity 1A: Carcinogenicity – Category 1A

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