

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-943
- **Other means of identification**
- **Application of the substance / the mixture** For Laboratory Use Only
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
NSI Lab Solutions
7212 ACC Blvd.,
Raleigh, NC 27617
USA
- **Information department:** Product safety department
- **Emergency telephone number:** During normal opening times: +1 (919) 789-3000

* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Germ cell mutagenicity 1B H340 May cause genetic defects.

Carcinogenicity 1A H350 May cause cancer.

Reproductive toxicity 1B H360 May damage fertility or the unborn child.



GHS07

Acute toxicity - inhalation 4 H332 Harmful if inhaled.

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



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
N,N-dimethylacetamide
benzene
carbon tetrachloride
trichloromethane

(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-943

(Contd. of page 1)

- **Hazard statements**

Harmful if inhaled.
May cause genetic defects.
May cause cancer.
May damage fertility or the unborn child.

- **Precautionary statements**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If exposed or concerned: Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
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)**



Health = 3
Fire = 2
Reactivity = 0

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



Health = *2
Fire = 2
Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **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	80–100%
56-23-5	carbon tetrachloride	≤0.1%
64-17-5	ethanol	≤0.1%
67-66-3	trichloromethane	≤0.1%
71-43-2	benzene	≤0.1%
108-88-3	toluene	≤0.1%
109-99-9	tetrahydrofuran	≤0.1%

(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-943

(Contd. of page 2)

110-54-3	n-hexane	≤0.1%
· Non-hazardous components		
67-56-1	methanol	≤0.1%
67-63-0	propan-2-ol	≤0.1%
67-64-1	acetone	≤0.1%
75-05-8	acetonitrile	≤0.1%
95-47-6	o-xylene	≤0.1%
109-66-0	pentane	≤0.1%
142-82-5	heptane	≤0.1%
106-42-3	p-xylene	≤0.1%
108-38-3	m-xylene	≤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. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Generally the product does not irritate the skin.

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

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

· **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** No further relevant information available.

· **Advice for firefighters**

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

* 6 Accidental release measures

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

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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

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
56-23-5	carbon tetrachloride	1.2 ppm

(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-943

(Contd. of page 3)

64-17-5	ethanol	1,800 ppm
67-56-1	methanol	530 ppm
67-63-0	propan-2-ol	400 ppm
67-64-1	acetone	200 ppm
67-66-3	trichloromethane	2.0 ppm
71-43-2	benzene	52 ppm
75-05-8	acetonitrile	13 ppm
108-88-3	toluene	67 ppm
109-66-0	pentane	3000* ppm
109-99-9	tetrahydrofuran	100 ppm
110-54-3	n-hexane	400 ppm
142-82-5	heptane	500 ppm
108-38-3	m-xylene	130 ppm

· PAC-2:

127-19-5	N,N-dimethylacetamide	67 ppm
56-23-5	carbon tetrachloride	13 ppm
64-17-5	ethanol	3300* ppm
67-56-1	methanol	2100 ppm
67-63-0	propan-2-ol	2000* ppm
67-64-1	acetone	3200* ppm
67-66-3	trichloromethane	64 ppm
71-43-2	benzene	800 ppm
75-05-8	acetonitrile	50 ppm
108-88-3	toluene	560 ppm
109-66-0	pentane	33000*** ppm
109-99-9	tetrahydrofuran	500 ppm
110-54-3	n-hexane	2900 ppm
142-82-5	heptane	830 ppm
108-38-3	m-xylene	920 ppm

· PAC-3:

127-19-5	N,N-dimethylacetamide	400 ppm
56-23-5	carbon tetrachloride	340 ppm
64-17-5	ethanol	15000* ppm
67-56-1	methanol	7200 ppm
67-63-0	propan-2-ol	12000** ppm
67-64-1	acetone	5700* ppm
67-66-3	trichloromethane	3200 ppm
71-43-2	benzene	4000* ppm
75-05-8	acetonitrile	150 ppm
108-88-3	toluene	3700 ppm
109-66-0	pentane	200000 ppm
109-99-9	tetrahydrofuran	5000* ppm
110-54-3	n-hexane	8600 ppm

(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-943

(Contd. of page 4)

142-82-5	heptane	5000* ppm
108-38-3	m-xylene	2500* 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**

Thorough dedusting.

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.

· **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

56-23-5 carbon tetrachloride

PEL Long-term value: 10 ppm
Ceiling limit value: 25; 200* ppm
*5-min peak in any 4 hrs

REL Short-term value: 12.6* mg/m³, 2* ppm
*60-min; See Pocket Guide App. A

TLV Short-term value: 63 mg/m³, 10 ppm
Long-term value: 31 mg/m³, 5 ppm
Skin, A2

64-17-5 ethanol

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

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

TLV Short-term value: 1880 mg/m³, 1000 ppm
A3

(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-943

(Contd. of page 5)

67-66-3 trichloromethane

PEL	Ceiling limit value: 240 mg/m ³ , 50 ppm
REL	Short-term value: 9.78* mg/m ³ , 2* ppm *60-min; See Pocket Guide App. A
TLV	Long-term value: 49 mg/m ³ , 10 ppm A3

71-43-2 benzene

PEL	Short-term value: 15* mg/m ³ , 5* ppm Long-term value: 3* mg/m ³ , 1* ppm *table Z-2 for exclusions in 29CFR1910.1028(d)
REL	Short-term value: 1 ppm Long-term value: 0.1 ppm See Pocket Guide App. A
TLV	Long-term value: 0.02 ppm Skin; BEI, A1

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

110-54-3 n-hexane

PEL	Long-term value: 1800 mg/m ³ , 500 ppm
REL	Long-term value: 180 mg/m ³ , 50 ppm
TLV	Long-term value: 176 mg/m ³ , 50 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
-----	--

(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-943

(Contd. of page 6)

71-43-2 benzene	
BEI	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)
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)
110-54-3 n-hexane	
BEI	0.5 mg/L Medium: urine Time: end of shift Parameter: 2,5-Hexanedione without hydrolysis

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

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

(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-943

(Contd. of page 7)

- **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**

Solid

- **Color:**

According to product specification

- **Odor:**

Characteristic

- **Odor threshold:**

Not determined.

- **Melting point/Melting range:**

-20 °C (-4 °F)

- **Boiling point/Boiling range:**

165.5 °C (329.9 °F)

- **Flammability:**

Not determined.

- **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 applicable.

- **Viscosity:**

- **Kinematic:**

Not applicable.

- **Dynamic:**

Not applicable.

- **Solubility in / Miscibility with**

- **Water:**

Soluble.

- **Partition coefficient (n-octanol/water):**

Not determined.

- **Vapor pressure at 20 °C (68 °F):**

3.3 hPa (2.5 mm Hg)

- **Vapor pressure:**

- **Density at 20 °C (68 °F):**

0.94259 g/cm³ (7.86591 lbs/gal)

- **Relative density**

Not determined.

- **Vapor density**

Not applicable.

- **Particle characteristics**

Not determined.

- **Other information**

- **Appearance:**

- **Form:**

Solid

- **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.

(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-943

(Contd. of page 8)

· Solvent content:	
· Organic solvents:	1.3 %
· VOC content:	1.20 %
· Solids content:	98.5 %
· Change in condition	
· Evaporation rate	Not applicable.

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)

Dermal	LD50	2,274 mg/kg (rabbit)
Inhalative	LC50/4 h	1.52 mg/l

127-19-5 N,N-dimethylacetamide

Oral	LD50	4,930 mg/kg (rat)
Dermal	LD50	2,240 mg/kg (rabbit)

56-23-5 carbon tetrachloride

Oral	LD50	2,350 mg/kg (rat)
Dermal	LD50	5,070 mg/kg (rat)

64-17-5 ethanol

Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

67-66-3 trichloromethane

Oral	LD50	908 mg/kg (rat)
Dermal	LD50	75 mg/kg (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)

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)

(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-943

(Contd. of page 9)

Inhalative	LC50/4 h	5,320 mg/l (mouse)
109-99-9 tetrahydrofuran		
Oral	LD50	2,500 mg/kg (rat)

- **Primary irritant effect:**

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

- **on the eye:** No irritating effect.

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

- **Additional toxicological information:**

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

The product can cause inheritable damage.

- **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
56-23-5	carbon tetrachloride	2B
64-17-5	ethanol	1
67-63-0	propan-2-ol	3
67-66-3	trichloromethane	2B
71-43-2	benzene	1
95-47-6	o-xylene	3
108-88-3	toluene	3
109-99-9	tetrahydrofuran	2B
106-42-3	p-xylene	3
108-38-3	m-xylene	3

- **NTP (National Toxicology Program)**

56-23-5	carbon tetrachloride	R
67-66-3	trichloromethane	R
71-43-2	benzene	K

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

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

(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-943

(Contd. of page 10)

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** not regulated

- **UN proper shipping name**

- **DOT, IMDG, IATA** not regulated

- **Transport hazard class(es)**

- **DOT, ADN, IMDG, IATA**

- **Class** not regulated

- **Packing group**

- **DOT, IMDG, IATA** not regulated

- **Environmental hazards:**

Not applicable.

- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.

- **Special precautions for user**

Not applicable.

- **UN "Model Regulation":**

not regulated

15 Regulatory information

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

- **Sara**

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

67-66-3 trichloromethane

- **Section 313 (Specific toxic chemical listings):**

56-23-5 carbon tetrachloride

67-56-1 methanol

67-63-0 propan-2-ol

67-66-3 trichloromethane

71-43-2 benzene

75-05-8 acetonitrile

95-47-6 o-xylene

(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-943

(Contd. of page 11)

108-88-3	toluene
110-54-3	n-hexane
106-42-3	p-xylene
108-38-3	m-xylene

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

All components have the value ACTIVE.

· **Hazardous Air Pollutants**

56-23-5	carbon tetrachloride
67-56-1	methanol
67-66-3	trichloromethane
71-43-2	benzene
75-05-8	acetonitrile
95-47-6	o-xylene
108-88-3	toluene
110-54-3	n-hexane
106-42-3	p-xylene
108-38-3	m-xylene

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

127-19-5	N,N-dimethylacetamide
56-23-5	carbon tetrachloride
67-66-3	trichloromethane
71-43-2	benzene
109-99-9	tetrahydrofuran

· **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
71-43-2	benzene
110-54-3	n-hexane

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

127-19-5	N,N-dimethylacetamide
64-17-5	ethanol
67-56-1	methanol
67-66-3	trichloromethane
71-43-2	benzene
108-88-3	toluene

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

56-23-5	carbon tetrachloride	L
67-64-1	acetone	I
67-66-3	trichloromethane	B2, L, NL

(Contd. on page 13)

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-943

(Contd. of page 12)

71-43-2	benzene	A, K/L
75-05-8	acetonitrile	CBD, D
95-47-6	o-xylene	I
108-88-3	toluene	II
109-99-9	tetrahydrofuran	SC
110-54-3	n-hexane	II
142-82-5	heptane	D
106-42-3	p-xylene	I
108-38-3	m-xylene	I

· **TLV (Threshold Limit Value)**

127-19-5	N,N-dimethylacetamide	A4
56-23-5	carbon tetrachloride	A2
64-17-5	ethanol	A3
67-63-0	propan-2-ol	A4
67-64-1	acetone	A4
67-66-3	trichloromethane	A3
71-43-2	benzene	A1
75-05-8	acetonitrile	A4
95-47-6	o-xylene	A4
108-88-3	toluene	A4
109-99-9	tetrahydrofuran	A3
106-42-3	p-xylene	A4
108-38-3	m-xylene	A4

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

56-23-5	carbon tetrachloride
67-66-3	trichloromethane
71-43-2	benzene

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

GHS07 GHS08

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

N,N-dimethylacetamide

benzene

carbon tetrachloride

trichloromethane

· **Hazard statements**

Harmful if inhaled.

May cause genetic defects.

May cause cancer.

May damage fertility or the unborn child.

(Contd. on page 14)

US

Safety Data Sheet

acc. to OSHA HCS

Date of issue: 06/30/2026

Reviewed on 06/30/2026

Trade name: C-943

(Contd. of page 13)

- **Precautionary statements**

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Avoid breathing dust/fume/gas/mist/vapors/spray
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 IF exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 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

- **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 - inhalation 4: Acute toxicity – Category 4
 Germ cell mutagenicity 1B: Germ cell mutagenicity – Category 1B
 Carcinogenicity 1A: Carcinogenicity – Category 1A
 Reproductive toxicity 1B: Reproductive toxicity – Category 1B

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