



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 1/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

1 Identification

· **Product identifier**

· **Trade name:** PR-3500

· **Article number:** 28507

· **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** Paint Stripper

· **Uses advised against**

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.

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

McGean-Rohco, Inc.
38521 Schoolcraft Road
Livonia, MI 48150-1085
USA
sds.info@mcgean.com

· **Information department:** Environmental, Health, and Safety

· **Emergency telephone number:**

ChemTel: 1-800-255-3924 within the United States, Canada, Puerto Rico, and the U.S. Virgin Islands.
Internationally 1-813-248-0585

2 Hazard(s) identification

· **Classification of the substance or mixture**



GHS06 Skull and crossbones

Acute Toxicity - Inhalation 2

H330 Fatal if inhaled.



GHS08 Health hazard

Sensitization - Respiratory 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ Cell Mutagenicity 1A

H340 May cause genetic defects.

Carcinogenicity 1A

H350 May cause cancer.

(Contd. on page 2)



SAFETY DATA SHEET

Page 2/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 1)

Toxic to Reproduction 1B

H360 May damage fertility or the unborn child.

Specific Target Organ Toxicity - Repeated Exposure 2H373 May cause damage to organs through prolonged or repeated exposure.



GHS05 Corrosion

Skin Corrosion 1A

H314 Causes severe skin burns and eye damage.



GHS07

Acute Toxicity - Oral 4

H302 Harmful if swallowed.

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



GHS05



GHS06



GHS08

Signal word Danger

Hazard-determining components of labeling:

dichloromethane

phenol

sodium dichromate, dihydrate

Slack wax (petroleum)

Hazard statements

H302+H312 Harmful if swallowed or in contact with skin.

H330 Fatal if inhaled.

H314 Causes severe skin burns and eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H340 May cause genetic defects.

H350 May cause cancer.

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

(Contd. on page 3)

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SAFETY DATA SHEET

Page 3/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 2)

Precautionary statements

- P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dusts or mists.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P320 Specific treatment is urgent (see on this label).
P314 Get medical advice/attention if you feel unwell.
P362+P364 Take off contaminated clothing and wash it before reuse.
P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
P363 Wash contaminated clothing before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

- PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

Chemical characterization:

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

Dangerous components:

CAS: 75-09-2	dichloromethane	50-85%
CAS: 108-95-2	phenol	10-20%
CAS: 7789-12-0	sodium dichromate, dihydrate	1-2.5%

(Contd. on page 4)



SAFETY DATA SHEET

Page 4/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

CAS: 64742-61-6		Slack wax (petroleum)	(Contd. of page 3) 0.1-0.5%
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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:

Immediately call a doctor.

Drink copious amounts of water and provide fresh air. Immediately call a doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

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: 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).

Use neutralizing agent.

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Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 5/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 4)

Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Only handle and refill product in closed systems.

Information about protection against explosions and fires:

Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Do not store above the following temperature: 50°C (122°F)

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

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

Further information about storage conditions: Keep receptacle tightly sealed

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

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

Control parameters

Components with limit values that require monitoring at the workplace:

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

At this time, the remaining constituent has no known exposure limits.

CAS: 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: 50 ppm
BEI, A3

(Contd. on page 6)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 6/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 5)

CAS: 108-95-2 phenol

PEL	Long-term value: 19 mg/m ³ , 5 ppm Skin
REL	Long-term value: 19 mg/m ³ , 5 ppm Ceiling limit value: 60 mg/m ³ , 15.6 ppm 15-min; Skin
TLV	Long-term value: 5 ppm Skin; BEI, A4

CAS: 7789-12-0 sodium dichromate, dihydrate

PEL	Long-term value: 0.005 mg/m ³ Ceiling limit value: 0.1 mg/m ³ as Cr(VI) as CrO ₃ ; see 29 CFR 1910.1026
REL	Long-term value: 0.0002 mg/m ³ as Cr; See Pocket Guide Apps. A and C
TLV	Short-term value: 0.0005 mg/m ³ Long-term value: 0.0002 mg/m ³ as Cr(VI); A1; inhalable, Skin; BEI, DSEN, RSEN

Ingredients with biological limit values:

CAS: 75-09-2 dichloromethane

BEI	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)
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CAS: 108-95-2 phenol

BEI	250 mg/g creatinine Medium: urine Time: end of shift Parameter: Phenol with hydrolysis (background, nonspecific)
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CAS: 7789-12-0 sodium dichromate, dihydrate

BEI	25 µg/L Medium: urine Time: end of shift at end of workweek Parameter: Total chromium (fume) 10 µg/L Medium: urine Time: increase during shift Parameter: Total chromium (fume)
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(Contd. on page 7)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 7/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 6)

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

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

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:**

Safety glasses



Tightly sealed goggles

(Contd. on page 8)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 8/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 7)

9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Liquid
Color:	Yellow
· Odor:	Pungent
· Odor threshold:	Not determined.
· pH-value at 20 °C (68 °F):	9.2
· Change in condition	
Freezing point:	Undetermined.
Boiling point/Boiling range:	50 °C (122 °F)
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not applicable.
· Decomposition temperature:	Not determined.
· Ignition temperature:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	1.3 Vol %
Upper:	22 Vol %
· Vapor pressure at 20 °C (68 °F):	453 hPa (339.8 mm Hg)
· Density at 20 °C (68 °F):	1.19 g/cm ³ (9.93055 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	
Not determined.	
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 40 °C (104 °F):	>0.21 mm ² /s

(Contd. on page 9)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 9/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 8)

· Solvent content:	
· Organic solvents:	≤73.1 %
· VOC content:	≤17.00 %
	>202.2 g/l / >1.69 lb/gal
· Other information	
No further relevant information available.	

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

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

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

CAS: 75-09-2 dichloromethane

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

CAS: 108-95-2 phenol

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

· **Primary irritant effect:**

on the skin: Caustic effect on skin and mucous membranes.

on the eye: Strong caustic effect.

Sensitization: Sensitization possible through inhalation.

· **Additional toxicological information:**

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

Toxic

Harmful

Corrosive

(Contd. on page 10)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 10/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 9)

Very toxic

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

Carcinogenic categories

IARC (International Agency for Research on Cancer)		
CAS: 75-09-2	dichloromethane	2A
CAS: 108-95-2	phenol	3
CAS: 7789-12-0	sodium dichromate, dihydrate	1
NTP (National Toxicology Program)		
CAS: 75-09-2	dichloromethane	R
CAS: 7789-12-0	sodium dichromate, dihydrate	K
OSHA-Ca (Occupational Safety & Health Administration)		
CAS: 75-09-2	dichloromethane	

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

Danger to drinking water if even extremely small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13 Disposal considerations

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 11)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 11/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 10)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number · DOT, IMDG, IATA	UN2922
· UN proper shipping name · DOT · IMDG, IATA	Corrosive liquids, toxic, n.o.s. (DICHLOROMETHANE, PHENOL) CORROSIVE LIQUID, TOXIC, N.O.S. (DICHLOROMETHANE, PHENOL)
· Transport hazard class(es) · DOT	
	
· Class · Label	8 Corrosive substances 8, 6.1
· IMDG	
	
· Class · Label	8 Corrosive substances 8/6.1
· IATA	
	
· Class · Label	8 Corrosive substances 8 (6.1)

(Contd. on page 12)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 12/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 11)

· Packing group	III
· DOT, IMDG, IATA	III
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning. Corrosive substances
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· UN "Model Regulation":	UN 2922 CORROSIVE LIQUID, TOXIC, N.O.S. (DICHLOROMETHANE, PHENOL), 8 (6.1), III

15 Regulatory information

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

· Section 355 (extremely hazardous substances):

CAS: 108-95-2 phenol

· Section 313 (Specific toxic chemical listings):

CAS: 75-09-2 dichloromethane

CAS: 108-95-2 phenol

CAS: 7789-12-0 sodium dichromate, dihydrate

· 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.

CAS: 75-09-2 dichloromethane

ACTIVE

CAS: 108-95-2 phenol

ACTIVE

CAS: 64742-61-6 Slack wax (petroleum)

ACTIVE

· Hazardous Air Pollutants

CAS: 75-09-2 dichloromethane

CAS: 108-95-2 phenol

CAS: 7789-12-0 sodium dichromate, dihydrate

· Proposition 65

· Chemicals known to cause cancer:

CAS: 75-09-2 dichloromethane

50-85%

CAS: 7789-12-0 sodium dichromate, dihydrate

1-2.5%

(Contd. on page 13)



SAFETY DATA SHEET

Page 13/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 12)

· Chemicals known to cause reproductive toxicity for females:		
CAS: 7789-12-0	sodium dichromate, dihydrate	1-2.5%

· Chemicals known to cause reproductive toxicity for males:		
CAS: 7789-12-0	sodium dichromate, dihydrate	1-2.5%

· Chemicals known to cause developmental toxicity:		
CAS: 7789-12-0	sodium dichromate, dihydrate	1-2.5%

· **Carcinogenic categories**

· EPA (Environmental Protection Agency)		
CAS: 75-09-2	dichloromethane	L
CAS: 108-95-2	phenol	D, I
CAS: 7789-12-0	sodium dichromate, dihydrate	A(inh), D(oral), K/L(inh), CBD(oral)

· TLV (Threshold Limit Value)		
CAS: 75-09-2	dichloromethane	A3
CAS: 108-95-2	phenol	A4
CAS: 7789-12-0	sodium dichromate, dihydrate	A1

· NIOSH-Ca (National Institute for Occupational Safety and Health)		
CAS: 75-09-2	dichloromethane	
CAS: 7789-12-0	sodium dichromate, dihydrate	

· **GHS label elements**

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

· **Hazard pictograms**



GHS05 GHS06 GHS08

· **Signal word** Danger

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

dichloromethane
phenol
sodium dichromate, dihydrate
Slack wax (petroleum)

· **Hazard statements**

H302+H312 Harmful if swallowed or in contact with skin.

H330 Fatal if inhaled.

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SAFETY DATA SHEET

Page 14/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 13)

- H314 Causes severe skin burns and eye damage.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H340 May cause genetic defects.
H350 May cause cancer.
H360 May damage fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

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P260 Do not breathe dusts or mists.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P320 Specific treatment is urgent (see on this label).
P314 Get medical advice/attention if you feel unwell.
P362+P364 Take off contaminated clothing and wash it before reuse.
P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
P363 Wash contaminated clothing before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

- Additional classification according to Decree on Hazardous Materials:**
Carcinogenic hazardous material group III (dangerous).

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

(Contd. on page 15)



Cee-Bee®
Innovative Aviation Chemistry

SAFETY DATA SHEET

Page 15/15

Safety Data Sheet
acc. to OSHA HCS

Printed on: 08/08/2023

Revision date: 08/08/2023

Trade name: PR-3500

(Contd. of page 14)

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.

· **Contact:** Jason Wheeler

· **Date of preparation / last revision** 08/08/2023

· **Abbreviations and acronyms:**

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)

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

Acute Toxicity - Inhalation 2: Acute toxicity - Category 2

Skin Corrosion 1A: Skin corrosion/irritation - Category 1A

Sensitization - Respiratory 1: Respiratory sensitisation - Category 1

Germ Cell Mutagenicity 1A: Germ cell mutagenicity - Category 1A

Carcinogenicity 1A: Carcinogenicity - Category 1A

Toxic to Reproduction 1B: Reproductive toxicity - Category 1B

Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) - Category 2