



Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

1 Identification

- **Product identifier**
- **Trade name:** Extreme Resin Remover
- **Article number:** DAC111
- **Application of the substance / the mixture** Mold Cleaner/Degreaser
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
DAC Industries, Inc.
1636 Gervais Avenue Suite 9
Maplewood, MN 55109
Phone: (651) 748-1750
- **Information department:** Product Safety Department
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

- **Classification of the substance or mixture**



Flam. Aerosol 2	H223	Flammable aerosol.
-----------------	------	--------------------



Press. Gas	H280	Contains gas under pressure; may explode if heated.
------------	------	---



Muta. 2	H341	Suspected of causing genetic defects.
Carc. 1B	H350	May cause cancer.
Repr. 1B	H360	May damage fertility or the unborn child.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.



Skin Irrit. 2	H315	Causes skin irritation.
Eye Irrit. 2A	H319	Causes serious eye irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

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

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 1)

· Hazard pictograms



GHS02 GHS04 GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labeling:

trichloroethylene

Solvent naphtha (petroleum), medium aliph.

N-methyl-2-pyrrolidone

· Hazard statements

H223 Flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H360 May damage fertility or the unborn child.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

· Precautionary statements

P210 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

P261 Avoid breathing mist, vapors, or spray.

P280 Wear protective gloves and eye protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

· Hazard description:

· WHMIS-symbols:

A - Compressed gas

B5 - Flammable aerosol

D1B - Toxic material causing immediate and serious toxic effects

D2A - Very toxic material causing other toxic effects



(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: **Extreme Resin Remover**

(Contd. of page 2)

- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



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



* - Indicates a long term health hazard from repeated or prolonged exposures.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

- **Dangerous components:**

64742-88-7	Solvent naphtha (petroleum), medium aliph. <ul style="list-style-type: none"> ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 	25-50%
872-50-4	N-methyl-2-pyrrolidone <ul style="list-style-type: none"> ⚠ Repr. 1B, H360 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Flam. Liq. 4, H227 	10-25%
79-01-6	trichloroethylene <ul style="list-style-type: none"> ⚠ Muta. 2, H341; Carc. 1B, H350 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; STOT SE 3, H336 	10-25%
124-38-9	carbon dioxide <ul style="list-style-type: none"> ⚠ Press. Gas, H280 	2.5-10%

- **Additional information:**

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

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.
 Take affected persons out into the fresh air.

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 3)

Do not leave affected persons unattended.

· **After inhalation:**

Supply fresh air and to be sure to call for a doctor.

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

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

Protect unharmed eye.

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Unlikely route of exposure.

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

Headache

Breathing difficulty

Coughing

Dizziness

Cyanosis

Frostbite

Disorientation

Unconsciousness

· **Danger**

Danger of pulmonary edema.

Danger of impaired breathing.

Danger of cerebral edema.

Danger of convulsion.

Danger of disturbed cardiac rhythm.

Vapors have narcotic effect.

Vapours may cause drowsiness and dizziness.

May cause cancer.

Suspected of causing genetic defects.

· **Indication of any immediate medical attention and special treatment needed**

If necessary oxygen respiration treatment.

Monitor circulation, possible shock treatment.

Medical supervision for at least 48 hours.

Later observation for pneumonia and pulmonary edema.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Do not administer preparations of the adrenalin-ephedrine-group.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Alcohol resistant foam

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 4)

Carbon dioxide

Fire-extinguishing powder

Gaseous extinguishing agents

- **For safety reasons unsuitable extinguishing agents:** Water

- **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

Danger of receptacles bursting because of high vapor pressure if heated.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

- **Additional information**

Cool endangered receptacles with water fog.

Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

Protect from heat.

- **Environmental precautions:**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

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

Allow to evaporate.

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose contaminated material as waste according to item 13.

Send for recovery or disposal in suitable receptacles.

- **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.

Keep away from heat and direct sunlight.

Pressurized container: Do not pierce or burn, even after use.

Avoid splashes or spray in enclosed areas.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

(Contd. on page 6)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: **Extreme Resin Remover**

(Contd. of page 5)

Protect against electrostatic charges.
 Keep respiratory protective device available.
 Do not spray on a naked flame or any incandescent material.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120 °F / 49 °C, i.e. electric lights. Do not pierce or burn, even after use.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store in a cool location.
 Provide ventilation for receptacles.
 Observe official regulations on storing packagings with pressurized containers.
 Avoid storage near extreme heat, ignition sources or open flame.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.
 Store away from metals.
 Store away from oxidizing agents.

- **Further information about storage conditions:**

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
 Keep receptacle tightly sealed.
 Protect from heat and direct sunlight.
 Storage Temperatures : <122 ° F / <50 °C.

- **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 item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

872-50-4 N-methyl-2-pyrrolidone

WEEL (USA)	Long-term value: 10 ppm Skin
------------	---------------------------------

EV (Canada)	Long-term value: 400 mg/m ³
-------------	--

79-01-6 trichloroethylene

PEL (USA)	Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 2 hrs
REL (USA)	See Pocket Guide Apps. A and C
TLV (USA)	Short-term value: 135 mg/m ³ , 25 ppm Long-term value: 54 mg/m ³ , 10 ppm BEI
EL (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm ACGIH A2, IARC 2A

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: **Extreme Resin Remover**

(Contd. of page 6)

EV (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm
LMPE (Mexico)	Short-term value: 25 ppm Long-term value: 10 ppm A2, IBE

124-38-9 carbon dioxide

PEL (USA)	Long-term value: 9000 mg/m ³ , 5000 ppm
REL (USA)	Short-term value: 54.000 mg/m ³ , 30.000 ppm Long-term value: 9000 mg/m ³ , 5000 ppm
TLV (USA)	Short-term value: 54.000 mg/m ³ , 30.000 ppm Long-term value: 9000 mg/m ³ , 5000 ppm
EL (Canada)	Short-term value: 15000 ppm Long-term value: 5000 ppm
EV (Canada)	Short-term value: 54.000 mg/m ³ , 30.000 ppm Long-term value: 9.000 mg/m ³ , 5.000 ppm
LMPE (Mexico)	Short-term value: 30000 ppm Long-term value: 5000 ppm

Ingredients with biological limit values:**872-50-4 N-methyl-2-pyrrolidone**

BEI (USA)	100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone
-----------	--

79-01-6 trichloroethylene

BEI (USA)	15 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Trichloroacetic acid (nonspecific)
	0.5 mg/L Medium: blood Time: end of shift at end of workweek Parameter: Trichloroethanol without hydrolysis (nonspecific)
	- Medium: blood Time: end of shift at end of workweek Parameter: Trichloroethylene (semi-quantitative)
	- Medium: end-exhaled air Time: end of shift at end of workweek Parameter: Trichloroethylene (semi-quantitative)

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

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: **Extreme Resin Remover**

(Contd. of page 7)

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Pregnant women should strictly avoid inhalation or skin contact.
 The usual precautionary measures for handling chemicals should be followed.
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes and skin.
- **Engineering controls:** No further relevant information available.
- **Breathing equipment:**



Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.

- **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

- **Body protection:** Impervious protective clothing
- **Limitation and supervision of exposure into the environment** Avoid release to the environment.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
Form: Aerosol

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 8)

· Color:	Clear
· Odor:	Solvent-like
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	85 °C (185 °F)
· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gaseous):	Not applicable.
· Auto-ignition temperature:	265 °C (509 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not self-igniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	0.6 Vol %
Upper:	90.0 Vol %
· Vapor pressure at 20 °C (68 °F):	57300 hPa (42979 mm Hg)
· Density at 20 °C (68 °F):	0.99 g/cm ³ (8.262 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.
- **Possibility of hazardous reactions**
Extremely flammable aerosol.
Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.
Develops readily flammable gases / fumes.
Danger of receptacles bursting because of high vapor pressure if heated.
Reacts with peroxides and other radical forming substances.

(Contd. on page 10)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 9)

Reacts with strong acids and alkali.
Reacts with certain metals.
Toxic fumes may be released if heated above the decomposition point.

- **Conditions to avoid**

Keep ignition sources away - Do not smoke.
Store away from oxidizing agents.

- **Incompatible materials:** Oxidizers, strong bases, strong acids

- **Hazardous decomposition products:**

Carbon monoxide and carbon dioxide
Chlorine compounds
Hydrogen chloride (HCl)
Phosgene

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

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

64742-88-7 Solvent naphtha (petroleum), medium aliph.

Oral	LD50	>6500 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rab)
Inhalative	LC50/4 h	>14 mg/l (rat)

872-50-4 N-methyl-2-pyrrolidone

Oral	LD50	3914 mg/kg (rat)
Dermal	LD50	8000 mg/kg (rabbit)

79-01-6 trichloroethylene

Oral	LD50	2402 mg/kg (mouse)
Dermal	LD50	8450 mg/kg (mouse)

- **Primary irritant effect:**

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

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

- **Sensitization:**

Sensitizing effect through inhalation is possible with prolonged exposure.
Sensitizing effect by skin contact is possible with prolonged exposure.

- **Additional toxicological information:**

Irritant

Product is suspected to cause damage to fertility.

Product is suspected to cause birth defects.

Danger through skin absorption.

Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

May cause cancer.

Suspected of causing genetic defects.

Toxic and/or corrosive effects may be delayed up to 24 hours.

(Contd. on page 11)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 10)

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

79-01-6 | trichloroethylene

R

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

None of the ingredients is listed.

- **Probable Routes of Exposure**

Inhalation.

Eye contact.

Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**

Carcinogenic.

The product can cause inheritable damage.

Danger through skin absorption.

Vapors have narcotic effect.

- **Repeated Dose Toxicity:** May cause damage to organs through prolonged or repeated exposure.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** The material is harmful to the environment.

- **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** May be accumulated in organism

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

This statement was deduced from the properties of the single components.

Avoid transfer into the environment.

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.

- **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.

Hand over to hazardous waste disposers.

(Contd. on page 12)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 11)

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

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

14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1950
- **UN proper shipping name**
- **DOT, IATA** AEROSOLS, flammable, containing substances in Division 6.1
- **ADR** 1950 AEROSOLS, flammable
- **IMDG** AEROSOLS, Flammable
- **Transport hazard class(es)**

- **DOT**



- **Class** 2 Gases
- **Label** 2.1+6.1

- **ADR**



- **Class** 2 5T Gases
- **Label** 2.1+6.1

- **IMDG, IATA**



- **Class** 2.2
- **Label** 2.1+6.1
- **Packing group**
- **DOT, ADR, IMDG, IATA** Not Regulated
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Gases
- **Danger code (Kemler):** -

(Contd. on page 13)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: Extreme Resin Remover

(Contd. of page 12)

- **EMS Number:** F-D,S-U
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:**
- **DOT**
- **Remarks:** Limited quantity -Consumer Commodity (USA)
- **UN "Model Regulation":** UN1950, Aerosols, 2.1 (6.1)

15 Regulatory information

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

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

None of the ingredients is listed.

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

872-50-4 | N-methyl-2-pyrrolidone

79-01-6 | trichloroethylene

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

All ingredients are listed.

- **Proposition 65 (California)**

- **Chemicals known to cause cancer:**

79-01-6 | trichloroethylene

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

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

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

872-50-4 | N-methyl-2-pyrrolidone

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

79-01-6 | trichloroethylene

2A

- **TLV (Threshold Limit Value established by ACGIH)**

79-01-6 | trichloroethylene

A2

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

79-01-6 | trichloroethylene

- **State Right to Know Listings**

None of the ingredients is listed.

(Contd. on page 14)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 02/02/2015

Reviewed on 02/02/2015

Trade name: **Extreme Resin Remover**

(Contd. of page 13)

- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%)**

79-01-6 trichloroethylene

124-38-9 carbon dioxide

- **Information about limitation of use:**

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning young persons must be observed.

- **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.

- **Date of preparation / last revision** 02/02/2015 / -

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

WHMIS: Workplace Hazardous Materials Information System (Canada)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Aerosol 2: Flammable aerosols, Hazard Category 2

Press. Gas: Gases under pressure: Compressed gas

Press. Gas: Gases under pressure: Liquefied gas

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Liq. 4: Flammable liquids, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Muta. 2: Germ cell mutagenicity, Hazard Category 2

Carc. 1B: Carcinogenicity, Hazard Category 1B

Repr. 1B: Reproductive toxicity, Hazard Category 1B

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1