



# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 07/09/2015



Reviewed on 07/09/2015

## 1 Identification


- **Product identifier**
- **Trade name:** On Cycle Extra Heavy Resin Remover
- **Article number:** DAC 208
- **Recommended use and restriction on use**
- **Recommended use:** Mold Cleaner.
- **Restrictions on use:** No further relevant information available.
- **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
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

## 2 Hazard(s) identification


- **Classification of the substance or mixture**

  GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.

 GHS04 Gas cylinder

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

 GHS08 Health hazard

Muta. 2 H341 Suspected of causing genetic defects.

Carc. 1B H350 May cause cancer.

 GHS07

Acute Tox. 4 H312 Harmful in contact with skin.

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 H336 May cause drowsiness or dizziness.

- **Additional information:**  
There are no other hazards not otherwise classified that have been identified.  
0 percent of the mixture consists of ingredient(s) of unknown toxicity.

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- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS02 GHS04 GHS07 GHS08

- **Signal word** Danger

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

trichloroethylene  
(R)-p-mentha-1,8-diene  
butanone

- **Hazard statements**

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H312 Harmful in contact with skin.  
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.  
H336 May cause drowsiness or dizziness.

- **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/spray.  
P280 Wear protective gloves and eye protection.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P363 Wash contaminated clothing before reuse.  
P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.  
P302+P352 If on skin: Wash with plenty of water.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).

- **Classification system:**

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



Health = 1  
Fire = 4  
Reactivity = 3

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



Health = \*1  
Fire = 4  
Reactivity = 3

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

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- **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:**

108-94-1	cyclohexanone ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H332	25-50%
68476-86-8	Petroleum gases, liquefied, (Nota K, -R45, R46, <0.1% 1,3-butadiene buta-1,3-diene) ⚠ Flam. Gas 1, H220 ⚠ Press. Gas, H280	25-50%
79-01-6	trichloroethylene ⚠ Muta. 2, H341; Carc. 1B, H350 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; STOT SE 3, H336	10-25%
5989-27-5	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	2.5-10%
78-93-3	butanone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	2.5-10%

· **Additional information:**

For the listed ingredient(s), the identity and exact percentage(s) 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.  
 Take affected persons out into the fresh air.  
 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.  
 Provide oxygen treatment if affected person has difficulty breathing.  
 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.  
 In cases of frostbite, rinse with plenty of water. Do not remove clothing.

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- **After eye contact:**  
Protect unharmed eye.  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. Then 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  
Dizziness  
Coughing  
Allergic reactions  
Nausea in case of ingestion.  
Gastric or intestinal disorders when ingested.  
Acne  
Disorientation  
Unconsciousness
- **Danger**  
Danger of disturbed cardiac rhythm.  
Danger of cerebral edema.  
Danger of impaired breathing.  
Condition may deteriorate with alcohol consumption.  
Danger of convulsion.  
Suspected of causing genetic defects.  
May cause cancer.
- **Indication of any immediate medical attention and special treatment needed**  
Treat skin and mucous membrane with antihistamine and corticoid preparations.  
Do not administer preparations of the adrenalin-ephedrine-group.  
Medical supervision for at least 48 hours.  
If necessary oxygen respiration treatment.  
Later observation for pneumonia and pulmonary edema.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
Fire-extinguishing powder  
Alcohol resistant foam  
Carbon dioxide  
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.

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- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information**  
Eliminate all ignition sources if safe to do so.  
Cool endangered receptacles with water fog.  
Leaking gas fire: Do not extinguish, unless leak can be stopped safely.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 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.  
Avoid splashes or spray in enclosed areas.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
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.  
Emergency cooling must be available in case of nearby fire.  
Fumes can combine with air to form an explosive mixture.

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Keep respiratory protective device available.

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

· **Storage:**

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

Store in a cool location.

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 oxidizing agents.

· **Further information about storage conditions:**

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Keep containers 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:**

**108-94-1 cyclohexanone**

PEL (USA) Long-term value: 200 mg/m<sup>3</sup>, 50 ppm

REL (USA) Long-term value: 100 mg/m<sup>3</sup>, 25 ppm  
Skin

TLV (USA) Long-term value: 50 mg/m<sup>3</sup>, 20 ppm  
Skin

EL (Canada) Short-term value: 50 ppm  
Long-term value: 20 ppm  
Skin

EV (Canada) Short-term value: 50 ppm  
Long-term value: 20 ppm  
Skin

LMPE (Mexico) Short-term value: 50 ppm  
Long-term value: 20 ppm  
A3, PIEL

**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

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TLV (USA)	Short-term value: 135 mg/m <sup>3</sup> , 25 ppm Long-term value: 54 mg/m <sup>3</sup> , 10 ppm BEI
EL (Canada)	Short-term value: 25 ppm Long-term value: 10 ppm ACGIH A2, IARC 2A
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

**78-93-3 butanone**

PEL (USA)	Long-term value: 590 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Short-term value: 885 mg/m <sup>3</sup> , 300 ppm Long-term value: 590 mg/m <sup>3</sup> , 200 ppm
TLV (USA)	Short-term value: 885 mg/m <sup>3</sup> , 300 ppm Long-term value: 590 mg/m <sup>3</sup> , 200 ppm BEI
EL (Canada)	Short-term value: 100 ppm Long-term value: 50 ppm
EV (Canada)	Short-term value: 885 mg/m <sup>3</sup> , 300 ppm Long-term value: 590 mg/m <sup>3</sup> , 200 ppm
LMPE (Mexico)	Short-term value: 300 ppm Long-term value: 200 ppm IBE

**· Ingredients with biological limit values:****108-94-1 cyclohexanone**

BEI (USA)	80 mg/L Medium: urine Time: end of shift at end of workweek Parameter: 1,2-Cyclohexanediol with hydrolysis (nonspecific, semi-quantitative)
	8 mg/L Medium: urine Time: end of shift Parameter: Cyclohexanol with hydrolysis (nonspecific, semi-quantitative)

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**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)

**78-93-3 butanone**

BEI (USA)	2 mg/L Medium: urine Time: end of shift Parameter: MEK
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
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:**  
Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **For the permanent contact gloves made of the following materials are suitable:** PVA gloves

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· **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment** Avoid release to the environment.
- **Risk management measures**  
See Section 7 for additional information.  
No further relevant information available.

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

- |                          |                 |
|--------------------------|-----------------|
| · <b>Form:</b>           | Aerosol         |
| · <b>Color:</b>          | Colorless       |
| · <b>Odor:</b>           | Solvent-like    |
| · <b>Odor threshold:</b> | Not determined. |

- |                    |                 |
|--------------------|-----------------|
| · <b>pH-value:</b> | Not determined. |
|--------------------|-----------------|

· **Change in condition**

- |                                       |                             |
|---------------------------------------|-----------------------------|
| · <b>Melting point/Melting range:</b> | Undetermined.               |
| · <b>Boiling point/Boiling range:</b> | Not applicable, as aerosol. |

- |                       |                          |
|-----------------------|--------------------------|
| · <b>Flash point:</b> | -104 °C (-155 °F) (PMCC) |
|-----------------------|--------------------------|

- |   |                 |
|---|-----------------|
| · <b>Flammability (solid, gaseous):</b> | Not applicable. |
|---|-----------------|

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>Auto-ignition temperature:</b> | Not determined. |
|-------------------------------------|-----------------|

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>Decomposition temperature:</b> | Not determined. |
|-------------------------------------|-----------------|

- |                         |                               |
|-------------------------|-------------------------------|
| · <b>Auto igniting:</b> | Product is not self-igniting. |
|-------------------------|-------------------------------|

- |                               |  |
|-------------------------------|--|
| · <b>Danger of explosion:</b> | Product is not explosive. However, formation of explosive air/vapor mixtures are possible. |
|-------------------------------|--|

· **Explosion limits:**

- |                 |                 |
|-----------------|-----------------|
| · <b>Lower:</b> | Not determined. |
| · <b>Upper:</b> | Not determined. |

- |                          |                 |
|--------------------------|-----------------|
| · <b>Vapor pressure:</b> | Not determined. |
|--------------------------|-----------------|

- |                                    |   |
|------------------------------------|---|
| · <b>Density at 20 °C (68 °F):</b> | <1.0 g/cm <sup>3</sup> (<8.345 lbs/gal) |
|------------------------------------|---|

- |                           |                 |
|---------------------------|-----------------|
| · <b>Relative density</b> | Not determined. |
|---------------------------|-----------------|

- |  |   |
|--|---|
| · <b>Vapour density at 20 °C (68 °F)</b> | >1.0 g/cm <sup>3</sup> (>8.345 lbs/gal) |
|--|---|

- |  |   |
|--|---|
| · <b>Evaporation rate at 20 °C (68 °F)</b> | >1.0 g/cm <sup>3</sup> (>8.345 lbs/gal) |
|--|---|

· **Solubility in / Miscibility with**

- |                 |                                   |
|-----------------|-----------------------------------|
| · <b>Water:</b> | Not miscible or difficult to mix. |
|-----------------|-----------------------------------|

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- **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** No further relevant information available.
- **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.  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.  
Danger of receptacles bursting because of high vapor pressure if heated.  
Reacts with acids.  
Reacts with amines.  
Reacts with peroxides and other radical forming substances.  
Reacts with alkali (lyes).  
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid**  
Keep ignition sources away - Do not smoke.  
Keep away from heat and direct sunlight.  
Store away from oxidizing agents.  
Avoid acids.
- **Incompatible materials:** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Chlorine compounds  
Hydrogen chloride (HCl)  
Phosgene  
Halogenated hydrocarbons

## 11 Toxicological information

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

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

### 108-94-1 cyclohexanone

Oral	LD50	1535 mg/kg (rat)
Dermal	LD50	948 mg/kg (rabbit)
Inhalative	LC50/4 h	8000 mg/l (rat)

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**79-01-6 trichloroethylene**

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

**5989-27-5 (R)-p-mentha-1,8-diene**

Oral	LD50	4400 mg/kg (rat)
------	------	------------------

- **Primary irritant effect:**

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

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

- **Sensitization:**

Sensitization possible through skin contact.

Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

- **Additional toxicological information:**

May cause acne.

Danger through skin absorption.

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

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

- **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):**

Danger through skin absorption.

May cause an allergic skin reaction.

Harmful in contact with skin.

May cause drowsiness or dizziness.

Irritating to eyes and skin.

- **Repeated Dose Toxicity:**

May cause damage to organs through prolonged or repeated exposure.

Repeated exposures may result in skin and/or respiratory sensitivity.

Danger of very serious irreversible effects.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**

Muta. 2, Carc. 1B

- **Germ cell mutagenicity** Suspected of causing genetic defects.

- **Carcinogenicity** May cause cancer.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

- **STOT-single exposure** May cause drowsiness or dizziness.

- **STOT-repeated exposure** Based on available data, the classification criteria are not met.

- **Aspiration hazard** Based on available data, the classification criteria are not met.

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## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:**  
Toxic for aquatic organisms  
The product contains materials that are 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:**  
Toxic for fish  
The product leads to anaesthesia-like states  
The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.  
Due to mechanical actions of the product (e.g. agglutinations) damages may occur.
- **Additional ecological information:**
- **General notes:**  
This statement was deduced from the properties of the single components.  
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.  
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- **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.  
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.  
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

- |                                  |  |
|----------------------------------|--|
| · <b>UN-Number</b>               |  |
| · <b>DOT, ADR, IMDG, IATA</b>    | UN1950   |
| · <b>UN proper shipping name</b> |  |
| · <b>DOT</b>                     | Aerosols, flammable, containing substances in Division 6.1,<br>Packing Group III |
| · <b>ADR</b>                     | 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS   |

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<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	<p>AEROSOLS, MARINE POLLUTANT AEROSOLS, flammable, containing substances in Division 6.1, Packing Group III</p>
<ul style="list-style-type: none"> <li>· <b>Transport hazard class(es)</b></li> <li>· <b>DOT</b></li> </ul>	
	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>2.1 2.1+6.1</p>
<ul style="list-style-type: none"> <li>· <b>ADR</b></li> </ul>	
	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>2.1 5TF 2.1+6.1</p>
<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> </ul>	
	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	<p>2.1 2.1+6.1</p>
<ul style="list-style-type: none"> <li>· <b>IATA</b></li> </ul>	
	
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> <li>· <b>Packing group</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> <li>· <b>Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> <li>· <b>Special marking (ADR):</b></li> <li>· <b>Special precautions for user</b></li> <li>· <b>EMS Number:</b></li> <li>· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> <li>· <b>UN "Model Regulation":</b></li> </ul>	<p>2.1 2.1+6.1 Not Regulated Yes Symbol (fish and tree) Symbol (fish and tree) Not applicable. F-D,S-U Not applicable. UN1950, Aerosols, ENVIRONMENTALLY HAZARDOUS, 2.1 (6.1)</p>

(Contd. on page 14)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 07/09/2015

Reviewed on 07/09/2015

Trade name: On Cycle Extra Heavy Resin Remover

(Contd. of page 13)

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

### · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

### · Section 313 (Specific toxic chemical listings):

79-01-6 trichloroethylene

78-93-3 butanone

### · 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:

None of the ingredients is listed.

#### · Carcinogenic categories

#### · EPA (Environmental Protection Agency)

78-93-3 butanone

1

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

108-94-1 cyclohexanone

3

79-01-6 trichloroethylene

2A

5989-27-5 (R)-p-mentha-1,8-diene

3

#### · TLV (Threshold Limit Value established by ACGIH)

108-94-1 cyclohexanone

A3

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.

#### · Canadian substance listings:

##### · Canadian Domestic Substances List (DSL)

All ingredients are listed.

##### · Canadian Ingredient Disclosure list (limit 0.1%)

108-94-1 cyclohexanone

(Contd. on page 15)

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 07/09/2015

Reviewed on 07/09/2015

**Trade name: On Cycle Extra Heavy Resin Remover**

(Contd. of page 14)

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

79-01-6	trichloroethylene
5989-27-5	(R)-p-mentha-1,8-diene
78-93-3	butanone

· **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** 07/09/2015 / -

· **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

ACGIH: American Conference of Governmental Industrial Hygienists

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)

HMS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Press. Gas: Gases under pressure: Compressed gas

Flam. Liq. 2: Flammable liquids, Hazard Category 2

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

Acute Tox. 4: Acute toxicity, 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

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

· **Sources**

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