

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: May 13, 2020

## 1 Identification

- **Product identifier**
- **Trade name:** **DEGREASER  
DGAR - SOLVENT & ADHESIVE REMOVER**
- **Product code:** 5122
- **Recommended use and restriction on use**
- **Recommended use:** Degreasing agent
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
DURO DYNE CORPORATION  
81 Spence Street  
Bay Shore, NY 11706  
800-899-3876
- **Emergency telephone number:**  
ChemTel  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**

Flam. Aerosol 1	H222	Extremely flammable aerosol.
Press. Gas	H280	Contains gas under pressure; may explode if heated.
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.
Carc. 2	H351	Suspected of causing cancer.
STOT SE 3	H336	May cause drowsiness or dizziness.
STOT RE 2	H373	May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.

- **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 statements:**

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

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- H317 May cause an allergic skin reaction.
- H351 Suspected of causing cancer.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.
- H304 May be fatal if swallowed and enters airways.

**Precautionary statements:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P211 Do not spray on an open flame or other ignition source.
- P251 Pressurized container: Do not pierce or burn, even after use.
- P260 Do not breathe mist/vapors/spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P280 Wear protective gloves / eye protection / face protection.
- P301+P310 If swallowed: Immediately call a poison center/doctor.
- P331 Do NOT induce vomiting.
- P302+P352 If on skin: Wash with plenty of soap and water.
- 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.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P314 Get medical advice/attention if you feel unwell.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:** Repeated exposure may cause skin dryness or cracking.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

67-64-1	Acetone	>50%
	<ul style="list-style-type: none"> <li> Flam. Liq. 2, H225</li> <li> Eye Irrit. 2A, H319; STOT SE 3, H336</li> </ul>	
79-20-9	Methyl acetate	10-<20%
	<ul style="list-style-type: none"> <li> Flam. Liq. 2, H225</li> <li> Eye Irrit. 2A, H319; STOT SE 3, H336</li> </ul>	
124-38-9	Carbon dioxide	5-<10%
	Press. Gas, H280	

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	Simple Asphyxiant	
64742-49-0	Naphtha (petroleum), hydrotreated light (Nota P, <0.1% benzene) ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304	1-<5%
100-41-4	Ethylbenzene ⚠ Flam. Liq. 2, H225 ⚠ Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H332 Eye Irrit. 2B, H320	1-<5%
142-82-5	Heptane ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	1-<5%
1330-20-7	Xylenes ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335-H336 Eye Irrit. 2B, H320	1-<5%
64742-89-8	Solvent naphtha (petroleum), light aliph. ⚠ Asp. Tox. 1, H304	1-<5%
426260-76-6	Heptane, branched, cyclic and linear ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	1-<2.5%
5989-27-5	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<1%

**Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.  
 For the wording of the listed Hazard Statements, refer to section 16.

## 4 First-aid measures

**Description of first aid measures**

**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 remove any clothing soiled by the product.  
 Immediately wash with water and soap and rinse thoroughly.  
 If skin irritation or rash occurs: Get medical advice/attention.

**After eye contact:**

Remove contact lenses if worn.  
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:**
  - Rinse out mouth and then drink plenty of water.
  - Do not induce vomiting; immediately call for medical help.
  - A person vomiting while lying on their back should be turned onto their side.
- **Most important symptoms and effects, both acute and delayed:**
  - Headache
  - Breathing difficulty
  - Dizziness
  - Coughing
  - Allergic reactions
  - Gastric or intestinal disorders when ingested.
  - Causes skin and eye irritation.
  - Nausea
  - Acidosis
  - Disorientation
  - Unconsciousness
- **Danger:**
  - Danger of impaired breathing.
  - May be fatal if swallowed and enters airways.
  - May cause drowsiness or dizziness.
  - May cause neurotoxic effects.
  - Suspected of causing cancer.
- **Indication of any immediate medical attention and special treatment needed:**
  - If swallowed or in case of vomiting, danger of entering the lungs.
  - Medical supervision for at least 48 hours.
  - If necessary oxygen respiration treatment.
  - Later observation for pneumonia and pulmonary edema.
  - Contains d-limonene. May produce an allergic reaction.
  - Treat skin and mucous membrane with antihistamine and corticoid preparations.
  - If medical advice is needed, have product container or label at hand.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  - Alcohol resistant foam
  - Water fog / haze
  - Water spray
  - Carbon dioxide
  - Gaseous extinguishing agents
  - Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**
  - Danger of receptacles bursting because of high vapor pressure if heated.
  - Extremely flammable aerosol.
- **Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.

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**Additional information:**

- Eliminate all ignition sources if safe to do so.
- Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
- Use large quantities of foam as it is partially destroyed by the product.

### 6 Accidental release measures

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

- Use respiratory protective device against the effects of fumes/dust/aerosol.
- Wear protective equipment. Keep unprotected persons away.
- Ensure adequate ventilation.
- Protect from heat.

**Environmental precautions**

- Do not allow product to reach sewage system or any water course.
- 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 liquid components with liquid-binding material.
- 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:**

- Avoid contact with the eyes and skin.
- Avoid breathing mist, vapors, or spray.
- Handle with care.
- Keep out of reach of children.
- Avoid splashes or spray in enclosed areas.
- Use only in well ventilated areas.

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

- Extremely flammable aerosol.
- Protect against electrostatic charges.
- Emergency cooling must be available in case of nearby fire.
- Flammable gas-air mixtures may be formed in empty containers/receptacles.

**Conditions for safe storage, including any incompatibilities****Requirements to be met by storerooms and receptacles:**

- Observe official regulations on storing packagings with pressurized containers.

**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 container bursting.

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· **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

### · Control parameters

### · Components with limit values that require monitoring at the workplace:

#### 67-64-1 Acetone

PEL (USA)	Long-term value: 2400 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	Long-term value: 590 mg/m <sup>3</sup> , 250 ppm
TLV (USA)	Short-term value: 1187 mg/m <sup>3</sup> , 500 ppm Long-term value: 594 mg/m <sup>3</sup> , 250 ppm BEI
EL (Canada)	Short-term value: 500 ppm Long-term value: 250 ppm
EV (Canada)	Short-term value: 750 ppm Long-term value: 500 ppm
LMPE (Mexico)	Short-term value: 750 ppm Long-term value: 500 ppm A4, IBE

#### 79-20-9 Methyl acetate

PEL (USA)	Long-term value: 610 mg/m <sup>3</sup> , 200 ppm
REL (USA)	Short-term value: 760 mg/m <sup>3</sup> , 250 ppm Long-term value: 610 mg/m <sup>3</sup> , 200 ppm
TLV (USA)	Short-term value: 757 mg/m <sup>3</sup> , 250 ppm Long-term value: 606 mg/m <sup>3</sup> , 200 ppm
EL (Canada)	Short-term value: 250 ppm Long-term value: 200 ppm
EV (Canada)	Short-term value: 755 mg/m <sup>3</sup> , 250 ppm Long-term value: 605 mg/m <sup>3</sup> , 200 ppm
LMPE (Mexico)	Short-term value: 250 ppm Long-term value: 200 ppm

#### 124-38-9 Carbon dioxide

PEL (USA)	Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm
REL (USA)	Short-term value: 54,000 mg/m <sup>3</sup> , 30,000 ppm Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm
TLV (USA)	Short-term value: 54,000 mg/m <sup>3</sup> , 30,000 ppm Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm
EL (Canada)	Short-term value: 15000 ppm Long-term value: 5000 ppm
EV (Canada)	Short-term value: 54,000 mg/m <sup>3</sup> , 30,000 ppm Long-term value: 9,000 mg/m <sup>3</sup> , 5,000 ppm
LMPE (Mexico)	Short-term value: 30000 ppm Long-term value: 5000 ppm

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**100-41-4 Ethylbenzene**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 545 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Long-term value: 87 mg/m <sup>3</sup> , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 540 mg/m <sup>3</sup> , 125 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
LMPE (Mexico)	Long-term value: 20 ppm

**142-82-5 Heptane**

PEL (USA)	Long-term value: 2000 mg/m <sup>3</sup> , 500 ppm
REL (USA)	Long-term value: 350 mg/m <sup>3</sup> , 85 ppm Ceiling limit value: 1800* mg/m <sup>3</sup> , 440* ppm *15-min
TLV (USA)	Short-term value: 2050 mg/m <sup>3</sup> , 500 ppm Long-term value: 1640 mg/m <sup>3</sup> , 400 ppm
EL (Canada)	Short-term value: 500 ppm Long-term value: 400 ppm
EV (Canada)	Short-term value: 2045 mg/m <sup>3</sup> , 500 ppm Long-term value: 1635 mg/m <sup>3</sup> , 400 ppm
LMPE (Mexico)	Short-term value: 500 ppm Long-term value: 400 ppm

**1330-20-7 Xylenes**

PEL (USA)	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL (USA)	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV (USA)	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 650 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm A4, IBE

**· Ingredients with biological limit values:****67-64-1 Acetone**

BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
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**100-41-4 Ethylbenzene**

BEI (USA)	0.7 g/g creatinine Medium: urine Time: end of shift at end of workweek Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)
-	Medium: end-exhaled air Time: not critical Parameter: Ethyl benzene (semi-quantitative)

**1330-20-7 Xylenes**

BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
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· **Exposure controls**

· **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:** Provide adequate ventilation.

· **Breathing equipment:**

- Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.
- NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. When needed, wear gloves for protection against mechanical hazards.

· **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

· **Body protection:** Protection may be required for spills.

· **Limitation and supervision of exposure into the environment**

No relevant information available.

· **Risk management measures** No relevant information available.

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### 9 Physical and chemical properties

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

· **Appearance:**

· <b>Form:</b>	Aerosol
· <b>Color:</b>	Colorless
· <b>Odor:</b>	Characteristic
· <b>Odor threshold:</b>	Not determined.

· <b>pH-value:</b>	Not determined.
· <b>Melting point/Melting range:</b>	Not applicable, as aerosol.
· <b>Boiling point/Boiling range:</b>	Not applicable, as aerosol.

· <b>Flash point:</b>	Extremely flammable aerosol.
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· <b>Flammability (solid, gaseous):</b>	Not applicable.
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· <b>Auto-ignition temperature:</b>	Not determined.
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· <b>Decomposition temperature:</b>	Not determined.
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· <b>Danger of explosion:</b>	Not determined.
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· **Explosion limits**

· <b>Lower:</b>	2.6 Vol %
· <b>Upper:</b>	13.2 Vol %

· <b>Oxidizing properties:</b>	Non-oxidizing.
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· <b>Vapor pressure at 20 °C (68 °F):</b>	551-670 hPa (413.3-502.5 mm Hg)
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· **Density:**

· <b>Relative density:</b>	Not determined.
· <b>Vapor density:</b>	Not determined.
· <b>Evaporation rate:</b>	Not applicable.

· **Solubility in / Miscibility with**

· <b>Water:</b>	Partly miscible.
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· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
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· **Viscosity**

· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.

· <b>Other information</b>	No relevant information available.
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### 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
Danger of receptacles bursting because of high vapor pressure if heated.
- **Possibility of hazardous reactions**  
Extremely flammable aerosol.

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Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

Reacts violently with oxidizing agents.

Toxic fumes may be released if heated above the decomposition point.

- **Conditions to avoid** Excessive heat.

- **Incompatible materials** Oxidizers

- **Hazardous decomposition products**

Under fire conditions only:

Carbon monoxide and carbon dioxide

## 11 Toxicological information

- **Information on toxicological effects**

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

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

### 67-64-1 Acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	20000 mg/kg (rabbit)

### 100-41-4 Ethylbenzene

Oral	LD50	3500 mg/kg (rat)
Dermal	LD50	17800 mg/kg (rabbit)

### 142-82-5 Heptane

Oral	LD50	>5000 mg/kg (rat) (Estimate)
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### 1330-20-7 Xylenes

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

### 5989-27-5 d-limonene

Oral	LD50	>2000 mg/kg (rat, female)
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- **Primary irritant effect:**

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

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

- **Sensitization:** Sensitization possible through skin contact.

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

Present in trace quantities: 71-43-2, 98-82-8.

100-41-4	Ethylbenzene	2B
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71-43-2	Benzene	1
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98-82-8	Cumene	2B
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- **NTP (National Toxicology Program):**

Present in trace quantities.

71-43-2	Benzene
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98-82-8	Cumene
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- **OSHA-Ca (Occupational Safety & Health Administration):**

Present in trace quantities.

71-43-2	Benzene
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**Probable route(s) of exposure:**

Inhalation.  
Eye contact.  
Skin contact.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Carcinogenicity:** Suspected of causing cancer.**Reproductive toxicity:** Based on available data, the classification criteria are not met.**STOT-single exposure:** May cause drowsiness or dizziness.**STOT-repeated exposure:**

May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure. Route of exposure: Oral and Inhalation.

**Aspiration hazard:** May be fatal if swallowed and enters airways.

### 12 Ecological information

**Toxicity****Aquatic toxicity**

Toxic to aquatic life with long lasting effects.

**100-41-4 Ethylbenzene**

EC50 | 1-10 mg/kg (daphnia)

LC50 | 1-10 mg/l (Green Algae (chlorophyta))

4.2 mg/l (Oncorhynchus mykiss)

**1330-20-7 Xylenes**

LC50 | 13.4 mg/l (pimephales promelas)

**5989-27-5 d-limonene**

LC50 | &lt;1 mg/l (pimephales promelas)

EC50 | 0.307 mg/l (daphnia)

**Persistence and degradability** No relevant information available.**Bioaccumulative potential:** No relevant information available.**Mobility in soil:** No relevant information available.**Additional ecological information****General notes:**

Do not allow product to reach ground water, water course or sewage system.

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

**Other adverse effects** No relevant information available.

### 13 Disposal considerations

**Waste treatment methods****Recommendation:**

Contact waste processors for recycling information.

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.

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

### 14 Transport information

· **UN-Number**  
· **DOT, ADR/RID/ADN, IMDG, IATA** UN1950

· **UN proper shipping name**  
· **DOT** Aerosols  
· **ADR/RID/ADN, IMDG** AEROSOLS  
· **IATA** Aerosols, flammable

· **Transport hazard class(es)**

· **DOT**



· **Class** 2.1  
· **Label** 2.1

· **ADR/RID/ADN**



· **Class** 2 5F  
· **Label** 2.1

· **IMDG, IATA**



· **Class** 2.1  
· **Label** 2.1

· **Packing group** Aerosols are not assigned a packing group.

· **Environmental hazards** Product contains environmentally hazardous substances: Heptane, (R)-p-mentha-1,8-diene

· **Marine pollutant:**



Yes

· **Special precautions for user** Warning: Gases  
· **Hazard identification number (Kemler code):** -

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- **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**  
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L.
- **ADR/RID/ADN**  
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L.
- **IMDG**  
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L.
- **IATA**  
 Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L.

### 15 Regulatory information

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

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

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

100-41-4	Ethylbenzene
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1330-20-7	Xylenes
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· **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Present in trace quantities: 71-98-2, 98-82-8.

100-41-4	Ethylbenzene
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# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

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**Trade name: DEGREASER  
DGAR - SOLVENT & ADHESIVE REMOVER**

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71-43-2	Benzene
98-82-8	Cumene

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

None of the ingredients are listed.

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

Present in trace quantities.

71-43-2	Benzene
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· **Chemicals known to cause developmental toxicity:**

Present in trace quantities.

71-43-2	Benzene
108-88-3	Toluene

· **EPA (Environmental Protection Agency):**

67-64-1	Acetone	I
100-41-4	Ethylbenzene	D
142-82-5	Heptane	D
1330-20-7	Xylenes	I

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

Present in trace quantities: 71-43-2, 98-82-8.

100-41-4	Ethylbenzene	2B
71-43-2	Benzene	1
98-82-8	Cumene	2B

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

## 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.

· **Abbreviations and acronyms:**

ADR: 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

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Flam. Aerosol 1: Aerosols – Category 1

Press. Gas: Gases under pressure – Compressed gas

Press. Gas: Gases under pressure – Liquefied gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

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STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1

**Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sor\\_internet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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