



**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

**Page:** 1  
**Compilation date:** 03/09/2014  
**Revision date:** 03/02/2016  
**Revision No:** 8

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** HEAVY DUTY CLEANER SPRAY

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** Multi-Purpose Cleaner

**1.3. Details of the supplier of the safety data sheet**

**Company name:** ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

**Tel:** +44 (0) 113 232 2700

**Fax:** +44 (0) 113 232 2740

**Email:** [customer-service@rocol.com](mailto:customer-service@rocol.com)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 113 232 2600

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Eye Dam. 1: H318; Flam. Aerosol 1: H222; -: H229

**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye damage.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H318: Causes serious eye damage.

**Hazard pictograms:** GHS02: Flame

GHS05: Corrosion



# SAFETY DATA SHEET

## HEAVY DUTY CLEANER SPRAY

Page: 2

**Signal words:** Danger

**Precautionary statements:** P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

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

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P285: In case of inadequate ventilation wear respiratory protection.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: 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.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### LOW ODOUR KEROSENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	Substance with a Community workplace exposure limit.	-	70-90%

##### PROPAN-2-OL

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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##### CARBON DIOXIDE AEROSOL PROPELLANT

204-696-9	124-38-9	Substance with a Community workplace exposure limit.	Press. Gas: H280	1-10%
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##### ETHOXYLATED ALCOHOLS

-	68131-39-5	-	Eye Dam. 1: H318; Aquatic Acute 1: H400	1-10%
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##### FATTY ETHANOLAMIDE - REACH registered number(s): 01-2119490100-53-0000

271-657-0	68603-42-9	-	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Consult a doctor.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

Page: 3

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. May cause dizziness.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

**Delayed / immediate effects:** No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Do not use water. Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Highly flammable. Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 13 of SDS.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

Page: 4

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space.  
Smoking is forbidden.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**LOW ODOUR KEROSENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	165 ppm, 1200 mg/m <sup>3</sup>	-	-	-

**PROPAN-2-OL**

UK	400 ppm, 999 mg/m <sup>3</sup>	500 ppm, 1250 mg/m <sup>3</sup>	-	-
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**CARBON DIOXIDE AEROSOL PROPELLANT**

UK	5000ppm 9150mg/m <sup>3</sup>	15000ppm 27400mg/m <sup>3</sup>	-	-
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**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not normally required.

**Hand protection:** Nitrile gloves.

**Eye protection:** Safety glasses with side-shields.

**Skin protection:** Protective clothing.

**Environmental:** No data available

**Section 9: Physical and chemical properties**

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

Page: 5

**9.1. Information on basic physical and chemical properties**

**State:** Aerosol  
**Colour:** Colourless  
**Odour:** Characteristic odour  
**Evaporation rate:** Fast  
**Oxidising:** Non-oxidising (by EC criteria)  
**Solubility in water:** Not miscible  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** >80  
**Flammability limits %: lower:** 1  
**Flash point°C:** 0  
**Vapour pressure:** >4  
**Melting point/range°C:** <0  
**upper:** 12  
**Autoflammability°C:** >200  
**Relative density:** <1

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** No data available.

**10.4. Conditions to avoid**

**Conditions to avoid:** Direct sunlight. Heat. Sources of ignition.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong reducing agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

Page: 6

**PROPAN-2-OL**

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

**FATTY ETHANOLAMIDE**

DERMAL	RAT	LD50	>2000	ppmV
ORAL	RAT	LD50	5000	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. May cause dizziness.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

**Delayed / immediate effects:** No data available.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**ETHOXYLATED ALCOHOLS**

Daphnia magna	48H EC50	0.1-1	mg/l
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**FATTY ETHANOLAMIDE**

ALGAE	72H IC50	3.9	mg/l
DAPHNIA	48H EC50	3.2	mg/l
FISH	96H LC50	2.4	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Only slightly biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

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**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

Page: 7

**12.4. Mobility in soil**

**Mobility:** Highly volatile. Soluble in water.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** No data available.

**Recovery operations:** No data available

**Waste code number:** 16 05 05

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1950

**14.2. UN proper shipping name**

**Shipping name:** AEROSOLS

**14.3. Transport hazard class(es)**

**Transport class:** 2.1

**14.4. Packing group**

**Packing group:** n/a

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**Transport in bulk:** No data available.

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

[cont...]

**SAFETY DATA SHEET**  
HEAVY DUTY CLEANER SPRAY

Page: 8

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Compiled in accordance with REACH.

**Phrases used in s.2 and s.3:** H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H280: Contains gas under pressure; may explode if heated.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



