

HEAVY DUTY CLEANER Spray

Water emulsifiable, heavy duty, industrial cleaner

Product Overview

ROCOL® HEAVY DUTY CLEANER Spray is a powerful non-evaporating solvent based cleaner suitable for use in most general industrial environments.

ROCOL HEAVY DUTY CLEANER Spray penetrates and loosens workplace grime, grease and dirt allowing the contamination to be wiped away.

Alternatively, ROCOL HEAVY DUTY CLEANER Spray can be easily washed or hosed away with water as grease and oil residues are emulsified for easy removal.

ROCOL HEAVY DUTY CLEANER Spray is also available in 5 litre containers as HEAVY DUTY CLEANER Fluid with a ROCOL part code: 34014.

Typical Applications

- ROCOL HEAVY DUTY CLEANER Spray is a powerful cleaner for applications such as:
 - Industrial machinery and components
 - Flooring, concrete, paving etc.

Features and Benefits

- ROCOL HEAVY DUTY CLEANER Spray is a heavy duty, non-evaporating cleaner designed to penetrate and remove the heaviest deposits of industrial grime, grease and dirt.
- ROCOL HEAVY DUTY CLEANER Spray is water emulsifiable to allow residues to be easily washed off or hosed down.

Directions for Storage and Use

- Shake the aerosol well before use.
- Always test the compatibility of ROCOL HEAVY DUTY CLEANER Spray with plastics, rubbers, painted or coated surfaces prior to application.
- ROCOL HEAVY DUTY CLEANER Spray should be applied from a distance of 15 – 30 cm
- ROCOL HEAVY DUTY CLEANER Spray can be sprayed at any angle due to 360° valve technology.
- Allow time for the solvent to penetrate into heavier contamination (typically several minutes).
- A second application of ROCOL HEAVY DUTY CLEANER Spray may be necessary for heavy or stubborn deposits
- The cleaning operation may be enhanced by working the solvent into the contamination using a brush or cloth.
- Use only in well ventilated areas and do not apply to very hot surfaces.
- Extremely flammable - Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition
- Store below +50°C, out of direct sunlight.
- Shelf life is 2 years from date of manufacture.
- Consult safety data sheet before use.

Pack Sizes

Pack Size	Part Code
300ml	34011

HEAVY DUTY CLEANER Spray

Water emulsifiable, heavy duty, industrial cleaner

Property	Test Method	Result
Appearance	Visual	Colourless liquid
Propellant	N/A	CO ₂ (carbon dioxide)
Solvent	N/A	Heavy duty hydrocarbon
Odour	N/A	Characteristic
Flash Point (°C)	PMCC	<0°C
Density (kg/m ⁻³)	RTM 3	0.81

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Issue: 1 Date: 03-11

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ROCOL A division of *ITW* Ltd



BS EN ISO 9001
Certificate No. FM 12448



BS EN ISO 14001
Certificate No. EMS 67596



OHSAS 18001
Certificate No. OHS 78173



INVESTORS
IN PEOPLE



SAFETY DATA SHEET
HEAVY DUTY CLEANER SPRAY

Page: 1

Compilation date: 31/08/2011

Revision No: 4

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

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 CHIP: F+: R12; -: R66

Most important adverse effects: Extremely flammable. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Extremely flammable.



Risk phrases: R12: Extremely flammable.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S16: Keep away from sources of ignition - No smoking.

S24: Avoid contact with skin.

S23: Do not breathe spray.

S51: Use only in well-ventilated areas.

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SAFETY DATA SHEET

HEAVY DUTY CLEANER SPRAY

Page: 2

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ODOURLESS KEROSENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-149-8	64742-47-8	Xn: R65; -: R66	-	70-90%

PROPAN-2-OL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	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	-:	-	1-10%
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ETHOXYLATED ALCOHOLS

-	68131-39-5	Xi: R41; N: R50	-	1-10%
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FATTY ETHANOLAMIDE

271-657-0	68603-42-9	Xi: R38; Xi: R41	-	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.

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.

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SAFETY DATA SHEET
HEAVY DUTY CLEANER SPRAY

Page: 3

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

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

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 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)

[cont...]

SAFETY DATA SHEET
HEAVY DUTY CLEANER SPRAY

Page: 4

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ODOURLESS KEROSENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000mg/m ³	-	-	-

PROPAN-2-OL

UK	999 mg/m ³	1250 mg/m ³	-	-
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CARBON DIOXIDE AEROSOL PROPELLANT

UK	5000ppm 9150mg/m ³	15000ppm 27400mg/m ³	-	-
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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: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

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

Melting point/range°C: <0

Flammability limits %: lower: 1

upper: 12

Flash point°C: 0

Autoflammability°C: >200

Vapour pressure: >4

Relative density: <1

9.2. Other information

Other information: Not applicable.

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SAFETY DATA SHEET
HEAVY DUTY CLEANER SPRAY

Page: 5

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

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

Toxicity values: Not applicable.

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.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Highly volatile. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

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SAFETY DATA SHEET
HEAVY DUTY CLEANER SPRAY

Page: 6

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

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

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Section 15: Regulatory information

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

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 453/2010.

Compiled in accordance with REACH.

Phrases used in s.2 and 3: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

None

[cont...]

SAFETY DATA SHEET
HEAVY DUTY CLEANER SPRAY

Page: 7

R11: Highly flammable.

R12: Extremely flammable.

R36: Irritating to eyes.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R50: Very toxic to aquatic organisms.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

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.