

Performance you can trust



REMOVER & DEGREASER Spray



Heavy duty multi-purpose label remover and cleaner

Product Overview

ROCOL® REMOVER & DEGREASER Spray is a citrus solvent based label remover and cleaner in a convenient aerosol format.

REMOVER & DEGREASER Spray is NSF C1 registered as suitable for use in inedible product processing, non-processing areas and/or exterior areas of food processing establishments.

REMOVER & DEGREASER Spray is also ideal for use in many other industrial environments.

REMOVER & DEGREASER Spray is an excellent cleaner for everyday grime and dirt, the product is particularly suited for penetrating and removing difficult to remove residues, including labels and adhesives.

Features and Benefits

- ROCOL REMOVER & DEGREASER Spray has metal detectable plastic components (aerosol caps and actuators) capable of detection by most metal detection equipment.
- REMOVER & DEGREASER Spray is an effective, heavy duty, non-toxic cleaner for removing everyday grime, grease and dirt.
- REMOVER & DEGREASER Spray is ideal for the removal of labels and adhesives and other difficult to remove residues.
- REMOVER & DEGREASER Spray has a pleasant citrus odour.
- Blue, mini-jet spray nozzle for accurate application and easy identification as a foodsafe product.

Directions for Storage and Use

- Shake aerosol well before use.
- Test compatibility with plastics and rubbers and painted or coated surfaces prior to application.
- Apply from a distance of 15 – 30 cm.
- Allow time for the solvent to penetrate into heavier contamination, labels and adhesives (typically 15 – 30 seconds).
- The cleaning operation may be enhanced by working the solvent into the surface using a clean, dry cloth.
- Wash off cleaned surfaces before returning to the food processing area.
- Store below +50°C, out of direct sunlight.
- Shelf life is 2 years from date of manufacture.
- Consult safety data sheet before use.

Specifications

- ROCOL REMOVER & DEGREASER Spray does not contain: animal derived materials, nut oils or genetically modified ingredients.
- NSF C1 Registered - 140805

Pack Sizes

Pack Size	Part Code
300ml	34151

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E customer-service@rocol.com
www.rocol.com

ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67

Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

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



Technical Data

ROCOL[®]

Performance you can trust



REMOVER & DEGREASER Spray

Heavy duty multi-purpose label remover and cleaner

Property	Test Method	Result
Appearance	Visual	Colourless liquid
Propellant	N/A	Carbon dioxide (CO ₂)
Solvent	N/A	Blend of orange terpenes and hydrocarbon
Flash Point (°C)	PMCC	<0°C
Odour	N/A	Characteristic citrus
Water Solubility	N/A	Insoluble
Density (kg/m ⁻³)	RTM 3	0.76
Metal Detection:		
Aerosol Cap	Equivalent sphere size	>3.0mm
Actuator	Equivalent sphere size	>3.0mm

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: 3 Date: 03-13

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INVESTORS
IN PEOPLE



SAFETY DATA SHEET
REMOVER & DEGREASER SPRAY

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Compilation date: 04/03/2013

Revision No: 4

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

1.1. Product identifier

Product name: REMOVER & DEGREASER 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; Xi: R38; -: R67; N: R50/53

Most important adverse effects: Extremely flammable. Irritating to skin. Vapours may cause drowsiness and dizziness.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Extremely flammable.

Irritant.

Dangerous for the environment.



Risk phrases: R12: Extremely flammable.

R38: Irritating to skin.

[cont...]

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R67: Vapours may cause drowsiness and dizziness.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

S37: Wear suitable gloves.

S23: Do not breathe.

S51: Use only in well-ventilated areas.

S35: This material and its container must be disposed of in a safe way.

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:

ORANGE TERPENES

EINECS	CAS	CHIP Classification	CLP Classification	Percent
232-433-8	8028-48-6	-: R10; Xi: R38; N: R50/53; Xn: R65	-	30-50%

ISOPARAFFINIC HYDROCARBON

292-458-5	90622-56-3	F: R11; Xn: R65; Xi: R38; -: R67; N: R51/53	-	30-50%
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CARBON DIOXIDE AEROSOL PROPELLANT

204-696-9	124-38-9	-:	-	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.

[cont...]

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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.

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.

[cont...]

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7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ORANGE TERPENES

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	800mg/m3	-	-	-

ISOPARAFFINIC HYDROCARBON

UK	1200 mg/m3	-	-	-
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CARBON DIOXIDE AEROSOL PROPELLANT

UK	5000ppm 9150mg/m3	15000ppm 27400mg/m3	-	-
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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. The floor of the storage room must be impermeable to prevent the escape of liquids.

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: >95

Melting point/range°C: <-20

Flammability limits %: lower: 1

upper: 6

Flash point°C: -7

Autoflammability°C: >200

Vapour pressure: 0.1

Relative density: <1

[cont...]

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9.2. Other information

Other information: Not applicable.

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

Relevant effects for mixture:

Effect	Route	Basis
Irritation	DRM	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.

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.

[cont...]

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12.4. Mobility in soil

Mobility: Highly volatile. Insoluble in water.

12.5. Results of PBT and vPvB assessment

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

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, Flammable

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

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: Contains only FDA listed ingredients. NSF C1 registered.

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

[cont...]

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453/2010.

Compiled in accordance with REACH.

Phrases used in s.2 and 3: None

R10: Flammable.

R11: Highly flammable.

R12: Extremely flammable.

R38: Irritating to skin.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

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.