



SAFETY DATA SHEET RENOVATOR NAVY

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME RENOVATOR NAVY
PRODUCT NO. WAE01017
APPLICATION Revives, rejuvenates and restores suede and nubuck colours to their original freshness.
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2 HAZARDS IDENTIFICATION

Extremely flammable. Vapours may cause drowsiness and dizziness. Irritating to eyes.

CLASSIFICATION Xi;R36. F+;R12. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|----------------------|-----------|----------|---------|------------------|
| PROPAN-2-OL | 200-661-7 | 67-63-0 | 30-60% | F;R11 Xi;R36 R67 |
| 1-METHOXY-2-PROPANOL | 203-539-1 | 107-98-2 | 10-30% | R10 |
| BUTYL ACETATE -norm | 204-658-1 | 123-86-4 | < 1% | R10 R66 R67 |
| 2,2'-OXYBISETHANOL | 203-872-2 | 111-46-6 | < 1% | Xn;R22 |
| BUTANE | 203-448-7 | 106-97-8 | < 1% | F+;R12 |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! Get medical attention immediately!

SKIN CONTACT

Wash the skin immediately with soap and water. Do not remove clothing that adheres due to freezing. Get medical attention if any discomfort continues.

EYE CONTACT

Spray in the eyes: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Water spray. Do not use water jet as an extinguisher, as this will spread the fire.

RENOVATOR NAVY

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire. Risk of explosion if heated.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Evacuate area. Provide adequate ventilation. Remove all sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Refer to section 13 for disposal considerations.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Keep away from flammables, oxidising agents, corrosives and products harmful or toxic to man or the environment. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | Std | TWA - 8 hrs | | STEL - 15 min | | Notes |
|----------------------|-----|--------------|----------------|---------------|----------------|-------|
| 1-METHOXY-2-PROPANOL | WEL | 100 ppm(Sk) | 375 mg/m3(Sk) | 150 ppm(Sk) | 560 mg/m3(Sk) | |
| 2,2'-OXYBISETHANOL | WEL | 23 ppm | 101 mg/m3 | | | |
| BUTANE | WEL | 600 ppm | 1450 mg/m3 | 750 ppm | 1810 mg/m3 | Carc |
| BUTYL ACETATE -norm | WEL | 150 ppm | 724 mg/m3 | 200 ppm | 966 mg/m3 | |
| PROPAN-2-OL | WEL | 400 ppm | 999 mg/m3 | 500 ppm | 1250 mg/m3 | |

WEL = Workplace Exposure Limit.

Carc = Capable of causing cancer and/or heritable genetic damage.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of spray.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Hand protection not required. For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Not required unless handling bulk product or if splashing is probable.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Aerosol

COLOUR

Navy.

ODOUR

Characteristic

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with flammables, oxidising agents, corrosives and products harmful or toxic to man or to the environment.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances. Chlorine.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death. Acute inhalation toxicity: Vapours may cause narcotic effects. SKIN CONTACT. Prolonged/ repeated exposure may be irritating to skin causing defatting which can lead to dermatitis. EYE CONTACT. Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



| | | | |
|----------------------|----------|-------------------------|----------------|
| UK ROAD CLASS | 2 | | |
| PROPER SHIPPING NAME | AEROSOLS | | |
| UN NO. ROAD | 1950 | UK ROAD PACK GR. | N/A |
| ADR CLASS NO. | 2 | ADR CLASS | Class 2: Gases |
| ADR PACK GROUP | N/A | TUNNEL RESTRICTION CODE | (D) |
| ADR LABEL NO. | 2.1 | CEFIC TEC(R) NO. | 20G5F |
| RID CLASS NO. | 2 | RID PACK GROUP | N/A |
| UN NO. SEA | 1950 | IMDG CLASS | 2.1 |
| IMDG PACK GR. | N/A | EMS | F-D, S-U |
| UN NO. AIR | 1950 | AIR CLASS | 2.1 |
| AIR PACK GR. | N/A | | |

15 REGULATORY INFORMATION

LABELLING

RENOVATOR NAVY



Irritant



Extremely Flammable

RISK PHRASES

R12 Extremely flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2 Keep out of the reach of children
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour/spray.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.
A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2 Do not spray on a naked flame or any incandescent material.
S46 If swallowed, seek medical advice immediately and show this container or label.

16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED 6
DATE 04/08/09
SIGNATURE Gerry Clancy (Technical Manager)

RISK PHRASES IN FULL

R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.