



## SAFETY DATA SHEET

### Renovator Gel

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name Renovator Gel  
Superconcentrated Detergent Restorer and Finisher for Plastics and Coated Surfaces

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

Identified uses Detergent.

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

Supplier Rozone  
Queen Street  
Darlaston  
Wednesbury  
West Midlands  
UK  
WS10 8JF  
Tel: +44 (0)121 526 8181  
Fax: +44 (0)121 526 8182  
info@rozone.co.uk

##### 1.4. Emergency telephone number

Emergency telephone Rozone: 0121 526 8181 (Mon - Fri, 09:00-17:00)

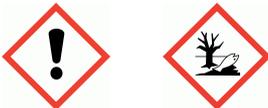
#### SECTION 2: Hazards identification

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

Classification (EC 1272/2008)  
Physical hazards Not Classified  
Health hazards Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 - H336  
Environmental hazards Aquatic Chronic 2 - H411

##### 2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.

## Renovator Gel

Precautionary statements	<p>P102 Keep out of reach of children.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p>
Contains	D-LIMONENE, Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics, PROPAN-2-OL
Detergent labelling	15 - < 30% aliphatic hydrocarbons, 15 - < 30% anionic surfactants
Supplementary precautionary statements	<p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	10-30%
CAS number: —	
Classification	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
D-LIMONENE	10-30%
CAS number: 8028-48-6	EC number: 232-433-8
M factor (Acute) = 1	M factor (Chronic) = 1
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
PROPAN-2-OL	5-10%
CAS number: 67-63-0	EC number: 200-661-7
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

## Renovator Gel

DIPROPYLENE GLYCOL METHYL ETHER	1-5%
CAS number: 34590-94-8	EC number: 252-104-2
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
Eye contact	Remove affected person from the source of contamination. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Irritation of nose, throat and airway. Drowsiness, dizziness, disorientation, vertigo.
Ingestion	May cause discomfort if swallowed.
Skin contact	Prolonged contact may cause redness, irritation and dry skin. May cause allergic contact eczema.
Eye contact	Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

Notes for the doctor	Treat symptomatically.
----------------------	------------------------

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
------------------------------	---

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

Specific hazards	Not relevant. No unusual fire or explosion hazards noted.
Hazardous combustion products	Does not decompose when used and stored as recommended.

#### 5.3. Advice for firefighters

Protective actions during firefighting	Avoid the spillage or runoff entering drains, sewers or watercourses.
--	---

### SECTION 6: Accidental release measures

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

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
----------------------	---

#### 6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
---------------------------	--

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

## Renovator Gel

Methods for cleaning up      Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

Reference to other sections      Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions      Avoid spilling. Good personal hygiene procedures should be implemented. Avoid contact with skin, eyes and clothing.

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

Storage precautions      Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Storage class      Chemical storage.

### 7.3. Specific end use(s)

Specific end use(s)      The identified uses for this product are detailed in Section 1.2.

Usage description      1. Shake well before use.  
2. Squeeze a small amount of Plastic and Coating Renovator onto a non abrasive white pad or cloth.  
3. Dab directly onto the surface.  
4. Allow 1 to 5 minutes dwell time.  
5. Wipe off with a wet absorbent cloth.

Dilution:

This product is designed to be used neat. Do not dilute.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

DIPROPYLENE GLYCOL METHYL ETHER

Long-term exposure limit (8-hour TWA): 50 ppm

WEL = Workplace Exposure Limit

Ingredient comments      WEL = Workplace Exposure Limits

### BUTYL DIGLYCOL ACETATE (CAS: 124-17-4)

DNEL	Industry - Dermal; : 24 mg/kg/day Industry - Inhalation; : 85 mg/m <sup>3</sup> Consumer - Dermal; : 12 mg/kg/day Consumer - Inhalation; : 43 mg/m <sup>3</sup> Consumer - Oral; : 1.58 mg/kg/day
PNEC	- Fresh water; 0.108 mg/l - marine water; 0.0108 mg/l - Sediment (Freshwater); 0.8 mg/kg - Sediment (Marinewater); 0.08 mg/kg

### DIPROPYLENE GLYCOL METHYL ETHER (CAS: 34590-94-8)

## Renovator Gel

DNEL	<p>Industry - Dermal; Long term : 65 mg/kg/day</p> <p>Industry - Inhalation; Long term : 310 mg/m<sup>3</sup></p> <p>Consumer - Dermal; Long term : 15 mg/kg/day</p> <p>Consumer - Inhalation; Long term : 37.2 mg/m<sup>3</sup></p> <p>Consumer - Oral; Long term : 1.67 mg/kg/day</p>
PNEC	<p>- Fresh water; 19 mg/l</p> <p>- marine water; 1.9 mg/l</p> <p>- STP; 4168 mg/l</p> <p>- Sediment (Freshwater); 70.2 mg/kg</p> <p>- Sediment (Marinewater); 70.2 mg/kg</p> <p>- Soil; 2.74 mg/kg</p> <p>- Intermittent release; 19 mg/l</p>

### 8.2. Exposure controls

#### Protective equipment



Appropriate engineering controls	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and chemical properties

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

Appearance	Viscous liquid.
Colour	Colourless to pale yellow.
Odour	Oranges
pH	pH (concentrated solution): 7.0 - 8.0
Relative density	0.835 - 0.845 @ 20°C

### 9.2. Other information

Other information	None.
-------------------	-------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
------------	---

### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
-----------	--

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No information required. Not relevant.
------------------------------------	--

## Renovator Gel

### 10.4. Conditions to avoid

Conditions to avoid                      Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Materials to avoid                      No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Hazardous decomposition products                      Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Inhalation                                  Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing. Drowsiness, dizziness, disorientation, vertigo.

Ingestion                                      May cause discomfort if swallowed.

Skin contact                                 Causes skin irritation. May cause sensitisation by skin contact.

Eye contact                                  Irritating to eyes.

## SECTION 12: Ecological information

Ecotoxicity                                  Not regarded as dangerous for the environment.

### 12.1. Toxicity

Toxicity                                        Toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

Persistence and degradability                      No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential                      No data available on bioaccumulation.

### 12.4. Mobility in soil

Mobility                                        The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment                      This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

Other adverse effects                      None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

General information                      When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods                          Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)                      3082

UN No. (IMDG)                            3082

## Renovator Gel

UN No. (ICAO) 3082

UN No. (ADN) 3082

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS D-LIMONENE)

### 14.3. Transport hazard class(es)

ADR/RID class 9

ADR/RID classification code M6

ADR/RID label 9

IMDG class 9

ICAO class/division 9

ADN class 9

Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS F-A, S-F

ADR transport category 3

Emergency Action Code •3Z

Hazard Identification Number (ADR/RID) 90

Tunnel restriction code (-)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

## Renovator Gel

National regulations                    The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended.  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended  
Control of Substances Hazardous to Health Regulations 2002 (as amended).  
EH40/2005 Workplace exposure limits.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Revision date	17/06/2021
Revision	1
SDS number	21699
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

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.