



SCALE OFF

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Type of product:
Scale Remover for household usage

Product name:

SCALE OFF

Supplier:
Drop Chemicals Ltd.
Triq il-Birrerija
Mriehel Industrial Estate
BKR 14
MALTA
Telephone: ++356 21449293 / 21441803 / 21480488
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization:
Contains sulphamic acid

Dangerous Ingredients:

%	Chemical Name	CAS No.	EINECS No.	EC Classification
50 – 100	Sulphamic Acid	5329-14-6	226-218-8	Xi R36/38 R52/53

3. HAZARD IDENTIFICATION

EC Classification:



IRRITANT

R 36/38: Irritating to eyes and skin
R 52/53: Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment.



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4. FIRST AID MEASURES

Inhalation:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

Skin Contact:

Wash skin immediately with plenty of water. Remove contaminated clothing. If skin irritation occurs seek medical attention.

Eye Contact:

Immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open. If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.

Ingestion:

Rinse mouth immediately with water. Give a glass / cup of milk / water to drink. Do not induce vomiting. Obtain medical advice immediately and show packet.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Water, dry extinguishing media, foam, carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective clothing.

Spillage:

Remove ignition source. Avoid generation of dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Dispose according to the local regulations. Wash the spillage area with large quantities of water.

7. HANDLING AND STORAGE

Handling:

Handle in accordance with good occupational hygiene and safety practices. Avoid dust formation. Do not breathe dust. Avoid contact with skin and eyes.

Storage:

Store in a cool and dry area away from heat sources and protected from light in tightly closed original container.

8. EXPOSURE AND CHEMICAL / PERSONAL PROTECTION

Exposure Control:



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Facilities utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentration low. Avoid contact with eyes, skin or clothes. Working procedures should be designed to minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided.

Respiratory protection:

In case of high dust levels wear suitable respiratory protective equipment.

Eye protection:

Wear appropriate protective eyeglasses or chemical safety goggles.

Hand protection:

Wear suitable chemical resistant protective gloves to prevent skin exposure.

Skin protection:

Wear suitable chemical resistant protective clothing/boots to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	white
Appearance:	crystals
Odour:	odourless
Specific density:	approx. 2.1 g/ml
pH value:	approx. 1.2 (1% w/w soln)
Flashpoint:	not applicable
Ignition temperature:	not applicable
Explosive properties:	not applicable
Solubility in water:	soluble

10. STABILITY AND REACTIVITY

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

Materials to avoid:

Avoid contact with aluminium, gold, enamel, marble and other non-metal materials.

11. TOXICOLOGICAL INFORMATION

General remarks:

The preparation as such has not been tested toxicologically. As it is virtually impossible to predict potential hazards to sensitive persons with the currently available application techniques or to anticipate perils which may be caused by an unpredictably powerful concentration of synergies, the



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preparation is to be considered and handled as it might generate other health hazards. Therefore, the preparation is to be handled with utmost care.

12. ECOLOGICAL INFORMATION

General remarks:

The product is not to be brought in contact with the environment in large quantities without proper control. Ecological data are not available.

Biodegradable: > 90 %

13. DISPOSAL CONDITIONS

General remarks:

Product and packaging are to be disposed of in accordance with the currently applicable EC, national and regional recommendations.

14. TRANSPORT INFORMATION

General remarks:

This product is not classified as hazardous for transportation.

Additional information:

In case of accidental spillage or fire during transport, please refer to instructions under the above mentioned headings 5, 6, 7 and 8.

15. REGULATORY INFORMATION

EC Classification:



IRRITANT

Risk Phrases:

R 36/38: Irritating to eyes and skin

R 52/53: Harmful to aquatic organisms; may cause long-term adverse effects in the aquatic environment

Safety Phrases:

S 2: Keep out of the reach of children

S 24/25: Avoid contact with skin and eyes

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice



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- S 27/28: After contact with skin, take off all contaminated clothes, and wash skin immediately with plenty of water
- S 50: Do not mix with other chemicals
- S 61: Avoid release to the environment
- S 62: If swallowed, do not induce vomiting

16. OTHER INFORMATION

The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print and do not therefore guarantee certain properties. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way. Recipients of our product must take responsibility for observing existing laws and regulations.