



SAFETY DATA SHEET

Fallout Remover

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

PRODUCT NAME	Fallout Remover
PRODUCT NO.	404-9
APPLICATION	Fall out Remover
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2 HAZARDS IDENTIFICATION

Harmful in contact with skin and if swallowed.

CLASSIFICATION (1999/45) Xn;R21/22.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
OXALIC ACID	205-634-3	144-62-7	5-10%	Xn;R21/22

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

Fallout Remover

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. To prevent release, place container with damaged side up.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Wash thoroughly after dealing with a spillage. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Flush to sewer if local regulations permit.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
OXALIC ACID	WEL		1 mg/m ³		2 mg/m ³	

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances. Gas cartridge (acid gases).

HAND PROTECTION

Use protective gloves made of: Butyl rubber. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). Viton rubber (fluor rubber). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

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 wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Colourless liquid

COLOUR

Colourless

Fallout Remover

ODOUR	Mild Acidic.		
RELATIVE DENSITY	1.025 (20°C)	pH-VALUE, CONC. SOLUTION	~ 1.0
pH-VALUE, DILUTED SOLUTION	2.0 @ 1%	VOLATILE ORGANIC COMPOUND (VOC)	0 g/litre

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with strong oxidisers.

HAZARDOUS POLYMERISATION

Will not polymerise.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION**INHALATION**

Vapour may irritate respiratory system or lungs.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Harmful in contact with skin.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

TARGET ORGANS

No specific target organs noted.

MEDICAL SYMPTOMS

Skin contact may cause: Skin irritation. Allergic rash. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Irritation of eyes and mucous membranes. Ingestion may cause: Severe abdominal pain. Nausea, vomiting. If swallowed, especially in large quantities: Chemical burns.

Name	OXALIC ACID
Toxic Dose 1 - LD 50	375 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No negative effects on the aquatic environment are known. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

MOBILITY

The product is soluble in water.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

WATER HAZARD CLASSIFICATION

WGK 1

Fallout Remover

Name	OXALIC ACID
LC 50, 96 Hrs, FISH mg/l	160
EC 50, 48 Hrs, DAPHNIA, mg/l	61
Mobility	
The product is soluble in water.	
Bioaccumulation potential	
The product does not contain any substances expected to be bioaccumulating.	
Degradability	
The product is biodegradable.	

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

The packaging must be empty (drop-free, when inverted)

DISPOSAL METHODS

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

OXALIC ACID

RISK PHRASES

R21/22

Harmful in contact with skin and if swallowed.

SAFETY PHRASES

S23

Do not breathe vapour/spray.

S36/37

Wear suitable protective clothing and gloves.

S38

In case of insufficient ventilation, wear suitable respiratory equipment.

S51

Use only in well-ventilated areas.

S35

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

DETERGENT LABELLING

< 5%

Non-ionic surfactants

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

NATIONAL REGULATIONS

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

16 OTHER INFORMATION

GENERAL INFORMATION

Only trained personnel should use this material. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

Fallout Remover

REVISION DATE 12/10/2010

REV. NO./REPL. SDS GENERATED 3

RISK PHRASES IN FULL

R21/22 Harmful in contact with skin and if swallowed.

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.