

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Iron Fallout Remover  
UFI : VCN0-U074-3008-5UA2  
Product code : VC112

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

##### Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : Cleaning/washing agents and additives

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

##### Supplier

Valet-Chem Ltd  
Summit Close  
NG17 8GJ Kirkby In Ashfield Nottingham, Nottinghamshire  
United Kingdom  
T T +44 (0) 844 414 0987  
[info@valetchem.co.uk](mailto:info@valetchem.co.uk)

##### Supplier information

Leading Solvents Ireland Ltd  
The Courtyard, Manor House  
3 Church Road  
Malahide, Co.Dubin  
Ireland  
T +353 1 845 7660

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 844 414 0987 (Office hours only)

Country/Area	Organisation	Emergency number
Ireland	National Poisons Information Centre. Beaumont Hospital. PO Box 1297. Beaumont Road 9 Dublin.	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)
United Kingdom	NHS 111/NHS 24/NHS Direct.	111 0845 4647 or call a doctor

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 H302  
Serious eye damage/eye irritation, Category 1 H318  
Skin sensitisation, Category 1 H317  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

See section 11 for toxicological information. See section 9/10 for physicochemical information. See section 12 for environmental information.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

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Contains	: Tridecanol, branched, ethoxylated (>5-10 EO); Olefine sulphonate; Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active); SODIUM THIOGLYCOLATE
Hazard statements (CLP)	: H302 - Harmful if swallowed. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.
Precautionary statements (CLP)	: P261 - Avoid breathing mist, spray, vapours. P264 - Wash hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective clothing, eye protection, face protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER, doctor if you feel unwell.
EUH-statements	: EUH208 - Contains SODIUM THIOGLYCOLATE. May produce an allergic reaction.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
SODIUM THIOGLYCOLATE substance with national workplace exposure limit(s) (DE)	CAS-No.: 367-51-1 EC-No.: 206-696-4 REACH-no: 01-2119968564-24	$\geq 10 - < 20$	Acute Tox. 4 (Oral), H302 (ATE=50 mg/kg bodyweight) Skin Sens. 1, H317
Tridecanol, branched, ethoxylated (>5-10 EO)	CAS-No.: 69011-36-5	$\geq 5 - < 10$	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Dam. 1, H318
Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active)	CAS-No.: 97489-15-1 EC-No.: 307-055-2 REACH-no: 01-2119489924-20	$\geq 1 - < 5$	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Olefine sulphonate	CAS-No.: 68439-57-6 EC-No.: 931-534-0 REACH-no: 01-2119513401-57	$\geq 1 - < 5$	Skin Irrit. 2, H315 Eye Dam. 1, H318

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active)	CAS-No.: 97489-15-1 EC-No.: 307-055-2 REACH-no: 01-2119489924-20	(10 < C < 100) Skin Irrit. 2; H315 (10 < C $\leq$ 15) Eye Irrit. 2; H319 (15 < C < 100) Eye Dam. 1; H318 (60 < C < 100) Acute Tox. 4 (Oral); H302

Full text of H- and EUH-statements: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Take off contaminated clothing.
First-aid measures after inhalation	: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. Call a physician immediately.
First-aid measures after skin contact	: Wash immediately with plenty of water. Call a physician immediately.
First-aid measures after eye contact	: Rinse immediately with plenty of water (for at least 15 minutes). Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.
First-aid measures after ingestion	: Rinse mouth thoroughly with water. Do NOT induce vomiting unless directed to do so by a physician. If a person vomits when lying on his back, place them in the recovery position. Call a physician immediately.

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

Symptoms/effects after inhalation	: Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/effects after skin contact	: Causes skin irritation. irritation (itching, redness, blistering).
Symptoms/effects after eye contact	: redness, itching, tears. Causes serious eye damage.
Symptoms/effects after ingestion	: Ingestion may cause nausea, vomiting and diarrhea. May cause irritation to the digestive tract.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. water spray, carbon dioxide (CO <sub>2</sub> ), foam and powder. Use a water spray to cool packaging exposed to fire.
Unsuitable extinguishing media	: high volume water jet.

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

Fire hazard	: Incomplete combustion may form toxic pyrolysis products.
Hazardous decomposition products in case of fire	: Carbon dioxide (CO <sub>2</sub> ). carbon monoxide. Toxic fumes may be released.

#### 5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### SECTION 6: Accidental release measures

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

General measures	: Keep people away from and upwind of spill/leak.
<b>For non-emergency personnel</b>	
Protective equipment	: Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Do not breathe gas/fumes/vapour/spray. Wear respiratory protection. Keep away unprotected persons.
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.
<b>For emergency responders</b>	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

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### 6.2. Environmental precautions

Avoid release to the environment. Do not flush into surface water or sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities.

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

For containment : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.  
Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### 6.4. Reference to other sections

See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep container tightly closed. Use appropriate personal protection equipment (PPE). Avoid contact with eyes, skin and clothing. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.  
Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

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

Technical measures : Take precautionary measures against static discharge.  
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep in an area equipped with solvent resistant flooring.  
Incompatible materials : Store away from incompatible materials (see section 10).  
Heat and ignition sources : The product is not flammable. Normal measures for preventive fire protection.  
Information on mixed storage : Keep away from food, drink and animal feedingstuffs.  
Storage area : Store away from heat/moisture.  
Special rules on packaging : Keep only in original container.

#### Germany

Storage class (LGK, TRGS 510)

Joint storage table

: LGK 12 - Non-combustible liquids

LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for

Joint storage with restrictions permitted for

Joint storage permitted for

: LGK 1, LGK 6.2, LGK 7

: LGK 4.1A, LGK 4.3, LGK 5.1C

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

#### Switzerland

Storage class (LK)

: LK 10/12 - Liquids

### 7.3. Specific end use(s)

No additional information available

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### National occupational exposure and biological limit values

SODIUM THIOGLYCOLATE (367-51-1)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA)	2 mg/m <sup>3</sup>
AGW (OEL C)	4 mg/m <sup>3</sup>

#### 8.2. Exposure controls

##### Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station. Provide sufficient air exchange and/or exhaust.

##### Personal protection equipment

###### Personal protective equipment symbol(s):



##### Eye and face protection

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses, Safety goggles	Dust, Droplet, Fine dust	With side shields, Wear a face shield	EN 166

##### Skin protection

###### Skin and body protection:

Wear suitable protective clothing

###### Hand protection:

Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Protective gloves should be replaced at first signs of wear.

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	≥0.4		EN ISO 374

##### Respiratory protection

Respiratory protection			
Device	Filter type	Condition	Standard
Aerosol mask	ABEK-P3	Vapour protection, Protection for Liquid particles	EN 14387

##### Environmental exposure controls

###### Environmental exposure controls:

Avoid release to the environment.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Not available
Appearance	: Cloudy.
Odour	: Rotten eggs. unpleasant odour.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6 – 8
Viscosity, kinematic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.01 – 1.1
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Does not decompose when used and stored as recommended.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

#### 10.5. Incompatible materials

Oxidising agents. Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified

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Acute toxicity (inhalation) : Not classified

<b>Iron Fallout Remover</b>	
ATE CLP (oral)	314.723 mg/kg bodyweight
<b>Tridecanol, branched, ethoxylated (&gt;5-10 EO) (69011-36-5)</b>	
LD50 oral	> 200 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight
<b>Olefine sulphonate (68439-57-6)</b>	
LD50 oral	578 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 52 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	> 52000 mg/l
<b>Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active) (97489-15-1)</b>	
LD50 oral rat	500 – 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	> 500 mg/kg bodyweight
LD50 dermal	> 2000 mg/kg bodyweight
<b>SODIUM THIOGLYCOLATE (367-51-1)</b>	
LD50 oral rat	50 – 200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 oral	504 mg/kg bodyweight
LD50 dermal	> 1000 mg/kg bodyweight
Skin corrosion/irritation	: Not classified pH: 6 – 8
Serious eye damage/irritation	: Causes serious eye damage. pH: 6 – 8
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>Olefine sulphonate (68439-57-6)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	≥ 195 mg/kg bodyweight Animal: rat, Animal sex: male
NOAEL (chronic, oral, animal/female, 2 years)	≥ 259 mg/kg bodyweight Animal: rat, Animal sex: female
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
<b>SODIUM THIOGLYCOLATE (367-51-1)</b>	
LOAEL (oral, rat, 90 days)	60 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
LOAEL (dermal, rat/rabbit, 90 days)	11.25 mg/kg bodyweight Animal: rat, Guideline: other., Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEL (oral, rat, 90 days)	20 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	≥ 180 mg/kg bodyweight Animal: rat, Guideline: other., Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
Aspiration hazard	: Not classified

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### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### Olefine sulphonate (68439-57-6)

LC50 - Fish [1]	4.2 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	4.53 mg/l Test organisms (species): Ceriodaphnia sp.
EC50 - Other aquatic organisms [1]	> 1 mg/l waterflea
EC50 72h - Algae [1]	5.2 mg/l Test organisms (species): Skeletonema costatum
LOEC (chronic)	20 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	6.3 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

#### Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active) (97489-15-1)

LC50 - Fish [1]	5.5 mg/l Test organisms (species): Leuciscus idus melanotus
LC50 - Fish [2]	8.4 mg/l Test organisms (species): Leuciscus idus melanotus
EC50 - Crustacea [1]	9.2 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	9.8 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	9.81 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 61 mg/l
EC50 72h - Algae [1]	> 61 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	1.6 mg/l Test organisms (species): Daphnia magna Duration: '22 d'

#### SODIUM THIOGLYCOLATE (367-51-1)

LC50 - Fish [1]	> 100 mg/l Test organisms (species):
EC50 - Other aquatic organisms [1]	47.31 mg/l Test organisms (species):
EC50 72h - Algae [1]	5.07 mg/l Test organisms (species):
NOEC (chronic)	3.9 mg/l Test organisms (species): Duration: '21 d'

### 12.2. Persistence and degradability

#### Iron Fallout Remover

Persistence and degradability	Not rapidly degradable
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#### Tridecanol, branched, ethoxylated (>5-10 EO) (69011-36-5)

Persistence and degradability	Not rapidly degradable
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### Olefine sulphonate (68439-57-6)

Persistence and degradability	Not rapidly degradable
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### Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active) (97489-15-1)

Persistence and degradability	Not rapidly degradable
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### SODIUM THIOGLYCOLATE (367-51-1)

Persistence and degradability	Not rapidly degradable
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## 12.3. Bioaccumulative potential

### SODIUM THIOGLYCOLATE (367-51-1)

Partition coefficient n-octanol/water (Log Pow)	-2.99
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## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions. Disposal together with normal waste is not allowed.
Product/Packaging disposal recommendations	: Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.
HP Code	: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye. HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated for transport				
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	IATA	ADN	RID
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### National regulations

#### Austria

Toxic Substances Ordinance 2000 : Is not subject to the Toxic Substances Ordinance 2000.

#### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Major Accidents Ordinance (12. BImSchV) : Is not listed in the Major Accidents Ordinance (12. BImSchV)

#### Netherlands

ABM category : A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen : Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active) is listed

SZW-lijst van mutagene stoffen : Sulfonic acids, C14-17-sec-alkane, sodium salts (60% active) is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Poland

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o L. 2023, item 891).  
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

#### Spain

Royal Decree 665/1997 : Is not subject to the Royal Decree 665/1997

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### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

#### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstracts Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

# Iron Fallout Remover

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains SODIUM THIOGLYCOLATE (367-51-1) (367-51-1). May produce an allergic reaction.

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.