

SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1. Product identifier Product identifier. 113949

Froduct identifier.	113949
Product name.	Red X It
UFI	K1SF-C0VW-F00K-VHX1
1.2. Relevant identified uses of the	substance or mixture and uses advised against
Recommended Use.	Spot Cleaner
Uses advised against.	Professional Use Only
1.3. Details of the supplier of the s	afety data sheet
Supplier.	Legend Brands 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030 Legend Brands Europe 22 Plover Close Interchange Park Newport Pagnell MK069PS UK +44 (0) 1908 611211 Rust-Oleum Europe Kolenbergstraat 23 3545 Halen, Belgium
1.4. Emergency telephone number	INFOTRAC 1-800-535-5053 (North America) +1-352-323-3500 (International)
Europe Austria Belgium Denmark Finland France Germany Ireland Iceland Italy Luxembourg Netherlands Norway Portugal Spain Sweden Switzerland United Kingdom	 112 +43 1 406 43 43 Poison center (BE): +32 70 245 245 Poison Control Hotline (DK): +45 82 12 12 12 Poison Information Centre (FI):+358 9 471 977 ORFILA (FR): + 01 45 42 59 59 Poison Center Berlin (DE): +49 030 30686 790 par Poison Center Nord: +49 551 19240 (24h available English / German) National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566 +354 543 2222 Poison Center, Milan (IT): +39 02 6610 1029 112 National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals) Poisons Information Center (PT): +351 800 250 250 Poison Information Center (SV): +46 8 33 12 31 Poison Center: Tel 145; +41 44 251 51 51 111 / 0300 020 0155

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Allergic effects Eye Irritation, category 2 Skin Irritation, category 2

2.2. Label elements



Signal Word

Warning

Hazardous ingredients which must be listed on the label

Contains Not Applicable

Possible Hazards

12.3% of the mixture consists of ingredient(s) of unknown toxicity9.8% of the mixture consists of ingredient(s) of unknown acute dermal toxicity12.3% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

EUH208	Contains 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.
H319	Causes serious eye irritation.
EUH031	Contact with acids liberates toxic gas.
H315	Causes skin irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P264	Wash face, hands and any exposed skin thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

GHS SDS PRECAUTIONARY STATEMENTS

P321	Specific treatment (If applicable, see any additional instructions on the label).
P332+P313	If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

EMERGENCY OVERVIEW: No Information

SECTION 3: Composition/information on ingredients

3.1. Substances

This product is a mixture. Health hazard information is based on its components.

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
Sulfurous Acid, Sodium Salt (1:1)	7631-90-5	231-548-0	No Information	>=3 - <7
Sodium dithionite	7775-14-6	231-890-0	No Information	>=1 - <3
Ammonium hydroxide	1336-21-6	215-647-6	No Information	>=1 - <3
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	01-2119450011-60- XXXX	>=0.5 - <1.5
SODIUM METABISULFITE	7681-57-4	231-673-0	No Information	<1
2-Methyl-2H-isothiazol-3-one	2682-20-4	220-239-6	No Information	<0.1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs	
Sulfurous Acid, Sodium Salt (1:1)		ATE oral (mg/kg): 1310 mg/kg Rat ATE dermal (mg/kg): No Information	
Sodium dithionite	Pyr. Sol. 1 (H250)	ATE oral (mg/kg): 2500 mg/kg Rat	

Ammonium hydroxide	Acute Tox. 4 Oral (H302) Skin Corr. 1B (H314) STOT SE 3 RTI (H335) Aquatic Acute 1 (H400)	STOT SE 3; H335: C>=5% ATE oral (mg/kg): 350 mg/kg Rat ATE dermal (mg/kg): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Dipropylene glycol monomethyl ether	Not classified	ATE oral (mg/kg): 5400 uL/kg ATE dermal (mg/kg): 9500 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
SODIUM METABISULFITE	Acute Tox. 4 Oral (H302) Eye Dam. 1 (H318)	ATE oral (mg/kg): 1310 mg/kg Rat ATE dermal (mg/kg): N.R. ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
2-Methyl-2H-isothiazol-3-one	Corr. Resp. (EUH071) Acute Tox. 3 Oral (H301) Acute Tox. 3 Dermal (H311) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Acute Tox. 2 Inhalation (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Skin Sens. 1A; H317: C>=0.0015% ATE oral (mg/kg): 105 mg/kg (Rat) ATE dermal (mg/kg): 201 mg/kg Rat ATE inhalation - dust/mist (mg/l/4h): N.R. M-Factors: 10 M-factor chronic: 1

For the full text of the H-Statements mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice.

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

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

Symptoms.

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

Notes to physician.

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. **Extinguishing media which shall not be used for safety reasons.** High volume water jet.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up

Methods for Containment.

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up.

Use personal protective equipment as required.

Other information.

No Information

6.4. Reference to other sections

No Information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

Specific use(s).

No Information

Exposure scenario.

No Information Available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limit Values

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
Sulfurous Acid,	N.D.	TWA: 5 mg/m3	TWA: 5 mg/m3	N.D.	N.D.	TWA: 5 mg/m3
Sodium Salt (1:1)						
7631-90-5						
Sodium dithionite	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7775-14-6						
Ammonium	N.D.	N.D.	N.D.	N.D.	STEL: 50 ppm	N.D.
hydroxide					STEL: 36 mg/m3	
1336-21-6					TWA: 20 ppm	
					TWA: 14 mg/m3	
Dipropylene	STEL: 100 ppm	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm	TWA: 50 ppm
glycol	STEL: 614 mg/	TWA: 308 mg/m3	TWA: 309 mg/m3	TWA: 308 mg/m3	TWA: 310 mg/m3	TWA: 308 mg/m3
monomethyl	m3					
ether	TWA: 50 ppm					
34590-94-8	TWA: 307 mg/m3					

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Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
SODIUM METABISULFITE 7681-57-4	N.D.	TWA: 5 mg/m3	TWA: 5 mg/m3	N.D.	N.D.	TWA: 5 mg/m3
2-Methyl-2H- isothiazol-3-one 2682-20-4	TWA: 0.05 mg/ m3	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
Sulfurous Acid, Sodium Salt (1:1) 7631-90-5	N.D.	TWA: 5 mg/m3	STEL: 15 mg/m3 TWA: 5 mg/m3	N.D.	N.D.	N.D.
Sodium dithionite 7775-14-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonium hydroxide 1336-21-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 50 ppm STEL: 310 mg/ m3 TWA: 50 ppm TWA: 310 mg/m3	TWA: 50 ppm TWA: 300 mg/m3	STEL: 150 ppm STEL: 924 mg/ m3 TWA: 50 ppm TWA: 308 mg/m3	TWA: 50 ppm TWA: 308 mg/m3	TWA: 308 mg/m3 TWA: 50 ppm	TWA: 300 mg/m3
SODIUM METABISULFITE 7681-57-4	N.D.	TWA: 5 mg/m3	STEL: 15 mg/m3 TWA: 5 mg/m3	N.D.	N.D.	N.D.
2-Methyl-2H- isothiazol-3-one 2682-20-4	STEL: 0.4 mg/m3 TWA: 0.2 mg/m3	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
Sulfurous Acid, Sodium Salt (1:1) 7631-90-5	STEL: 10 mg/m3 TWA: 5 mg/m3	TWA: 5 mg/m3	TWA: 5 mg/m3	N.D.	TWA: 5 mg/m3	STEL: 15 mg/m3 TWA: 5 mg/m3
Sodium dithionite 7775-14-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonium hydroxide 1336-21-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 75 ppm STEL: 375 mg/ m3 TWA: 50 ppm TWA: 300 mg/m3	STEL: 150 ppm TWA: 50 ppm TWA: 308 mg/m3	TWA: 50 ppm TWA: 308 mg/m3	STEL: 75 ppm STEL: 450 mg/ m3 TWA: 50 ppm TWA: 300 mg/m3		STEL: 150 ppm STEL: 924 mg/ m3 TWA: 50 ppm TWA: 308 mg/m3
SODIUM METABISULFITE 7681-57-4	STEL: 10 mg/m3 TWA: 5 mg/m3	TWA: 5 mg/m3	TWA: 5 mg/m3	N.D.	TWA: 5 mg/m3	STEL: 15 mg/m3 TWA: 5 mg/m3
2-Methyl-2H- isothiazol-3-one 2682-20-4	N.D.	N.D.	N.D.	N.D.	STEL: 0.4 mg/m3 TWA: 0.2 mg/m3	N.D.

TWA: Time weighted average

STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (PNEC)

No Information Available

8.2. Exposure controls

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.

Eye/Face Protection.

Safety glasses with side-shields.

Skin and body protection.

Wear suitable protective clothing. No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental Exposure Controls.

No Information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Colour	Colorless
Odour	Ammonia-sulfur
Odour Threshold	No Information
рН	7.0 - 8.2
Melting Point, °C	No Information
Flash Point, °C	>94
Boiling Range, °C	100 - 1,412
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm3)	1.100
Solubility in water	Soluble
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information
Viscosity	No Information
9.2. Other information Volatile organic compounds (VOC) content.	1.0%
9.2.1. Information with regard to physical hazard classes No Information	

9.2.2. Other safety characteristics

No Information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions None known based on information supplied.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products None known.

SECTION 11: Toxicological information

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

Acute toxicity.

Based on available data, the classification criteria are not met.

Product Information

The product itself has not been tested Data on individual components are tabulated below

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	N.R.

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
7631-90-5	Sulfurous Acid, Sodium Salt (1:1)	1310 mg/kg Rat	No Information	N.R.
7775-14-6	Sodium dithionite	2500 mg/kg Rat	N.R.	N.R.
1336-21-6	Ammonium hydroxide	350 mg/kg Rat	N.R.	N.R.
34590-94-8	Dipropylene glycol monomethyl ether	5400 uL/kg	9500 mg/kg Rabbit	N.R.
7681-57-4	SODIUM METABISULFITE	1310 mg/kg Rat	N.R.	N.R.
2682-20-4	2-Methyl-2H-isothiazol-3-one	105 mg/kg (Rat)	201 mg/kg Rat	N.R.

Skin corrosion/irritation.

SKIN IRRITANT.

11.2. Information on other hazards

Endocrine disrupting properties

N.A.

Other information.

N.A.

SECTION 12: Ecological information

12.1. Toxicity

<1% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
Sulfurous Acid, Sodium Salt (1:1) 7631-90-5	N.D.	N.D.	EC50 48 h Daphnia magna 119 mg/L
Sodium dithionite 7775-14-6	EC50 72 h Desmodesmus subspicatus 120 mg/L, EC50 96 h Desmodesmus subspicatus 87 mg/L	N.D.	EC50 48 h Daphnia magna Straus 98 mg/L
Ammonium hydroxide 1336-21-6	N.D.	LC50 96 h Pimephales promelas 8.2 mg/L	EC50 48 h water flea 0.66 mg/ L, EC50 48 h Daphnia pulex 0.66 mg/L
Dipropylene glycol monomethyl ether 34590-94-8	N.D.	LC50 96 h Pimephales promelas >10000 mg/L	LC50 48 h Daphnia magna 1919 mg/L
SODIUM METABISULFITE 7681-57-4	EC50 72 h Desmodesmus subspicatus 48 mg/L, EC50 96 h Desmodesmus subspicatus 40 mg/L	LC50 96 h Lepomis macrochirus 32 mg/L	N.D.
2-Methyl-2H-isothiazol-3-one 2682-20-4	N.D.	N.D.	N.D.

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
7631-90-5	Sulfurous Acid, Sodium Salt (1:1)	N.I.	N.I.
7775-14-6	Sodium dithionite	N.I.	N.I.
1336-21-6	Ammonium hydroxide	N.I.	N.I.
34590-94-8	Dipropylene glycol monomethyl ether	N.I.	0.35
7681-57-4	SODIUM METABISULFITE	N.I.	-3.7
2682-20-4	2-Methyl-2H-isothiazol-3-one	N.I.	-0.26, -0.34, -0.28

12.4. Mobility in soil

Mobility in soil.

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging.

No Information

Other information.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information

ADR

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information
IMDG	
14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	No Information
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

SECTION 15: Regulatory information

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

National regulatory information.

Germany WGK Classification 3

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
7631-90-5	Sulfurous Acid, Sodium Salt (1:1)	RG 66
34590-94-8	Dipropylene glycol monomethyl ether	RG 84
7681-57-4	SODIUM METABISULFITE	RG 66

European Union.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
1336-21-6	Ammonium hydroxide	No.	Yes.
7681-57-4	SODIUM METABISULFITE	No.	Yes.
2682-20-4	2-Methyl-2H-isothiazol-3-one	No.	Yes.

EU Substances of Very High Concern

None

International Inventories.

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECI	Complies
PICCS	Complies
AIIC	Complies
NZIoC	Complies

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Industrial Chemicals.
NZIoC	New Zealand Inventory of Chemicals.

15.2. Chemical safety assessment

No.

SECTION 16: Other information

Revision Date

1/6/2023

Indication of changes: Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

EUH071	Corrosive to the respiratory tract.
H250	Catches fire spontaneously if exposed to air.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.