



Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier.

Product identifier. 113949 /
Product name. Red X It
Pure substance/mixture. No Information

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 safety 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

1.4 Emergency telephone number. INFOTRAC 1-800-535-5053 (North America)
+1-352-323-3500 (International)

Europe	112
Bulgaria	+359 2 9154 409
Cyprus	+357 22405609
Croatia	+385 1 234 8342
Czech Republic	+420 267 225 243
Estonia	112
Greece	+30 210 64 79 407
Hungary	+36 80 20 11 99
Latvia	+371 67032028
Lithuania	+3705 212 6094
Malta	112
Poland	Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54 +48 22 619 08 97
Romania	+40 21 207 11 06
Slovenia	+386 1 478 6051
Slovakia	+421 2 54 77 4 166

2. Hazards Identification

2.1 Classification of the substance or mixture. (Regulation (EC) No 1272/2008)

Eye Irritation, category 2A
Skin Irritation, category 2

2.2 Label elements.



Signal Word

Warning**Hazardous components which must be listed on the label**

No Named Chemicals exist in this product

Possible Hazards

12.7% of the mixture consists of ingredients of unknown acute toxicity

9.9% of the mixture consists of ingredient(s) of unknown acute dermal toxicity

12.7% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

HAZARD STATEMENTS

H319	Causes serious eye irritation.
EUH031	Contact with acids liberates toxic gas.
H315	Causes skin irritation.

LABEL PRECAUTIONARY STATEMENTS

P362+P364	Take off contaminated clothing and wash it before reuse.
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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.
P321	Specific treatment (see supplemental first aid instructions on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

EMERGENCY OVERVIEW: No Information

3. Composition/Information on Ingredients**3.1 Substances.**

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

3.2 Mixtures.

CAS-No.	EC No.	REACH Reg No.	Wt. %	Chemical Name	Classification (1272/2008/EC)
7631-90-5	231-548-0	No Information	2.5-10	Sulfurous Acid, Sodium Salt (1:1)	Acute Tox. 4 Oral (H302) EU Other (EUH031)
7775-14-6	231-890-0	No Information	2.5-10	Sodium dithionite	Pyr. Liq. 1 (H250) Self-heat. 1 (H251) EU Other (EUH031)
1336-21-6	215-647-6	No Information	2.5-10	Ammonium hydroxide	Acute Tox. 4 Oral (H302) Skin Corr. 1 (H314) STOT SE 3 RTI (H335) Aquatic Acute 1 (H400)
34590-94-8	252-104-2	01-2119450011-60-XXXX	1.0-2.5	Dipropylene glycol monomethyl ether	No information

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

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.

5. Fire-fighting Measures

5.1 Extinguishing media.

Suitable extinguishing media.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

No Information

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.

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 materials 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.

6.4 Reference to other sections

See section 8 for more information.

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

8. Exposure Controls/Personal Protection**8.1 Control parameters****Exposure Limit Values**

Chemical Name	Bulgaria	Croatia	Cyprus	Czech Republic	Estonia	European Union
Sulfurous Acid, Sodium Salt (1:1) 7631-90-5		TWA: 5 mg/m ³				
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308.0 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³		TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³
Chemical Name	Greece	Hungary	Latvia	Lithuania	Malta	Ukraine
Sulfurous Acid, Sodium Salt (1:1) 7631-90-5	TWA: 5 mg/m ³					
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 150 ppm STEL: 900 mg/m ³ TWA: 100 ppm TWA: 600 mg/m ³	TWA: 308 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³	STEL: 450 mg/m ³ STEL: 75 ppm TWA: 308 mg/m ³ TWA: 50 ppm	TWA: 50 ppm TWA: 308 mg/m ³	
Chemical Name	Poland	Romania	Russia	Slovenia	Turkey	
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 480 mg/m ³ TWA: 240 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³		STEL: 50 ppm STEL: 308 mg/m ³ TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³	

TWA: Time weighted average

STEL: Short term exposure limit

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Level (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.

Hand Protection.

Wear suitable protective clothing.

Skin and body protection.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures.

See section 7 for more information.

Environmental Exposure Controls.

No Information

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
pH	7.0 - 8.2
Melting point / freezing point (°C)	No Information
Flash Point, (°C)	>94
Boiling point/range (°C)	100 - 1,412
Evaporation rate	No Information
Combustibility	Does not Support Combustion
Upper/lower flammability or explosive limits	No Information
Vapour Pressure	No Information
Vapour density	No Information
Specific Gravity (g/cm ³)	1.100
Solubility in / Miscibility with Water	Soluble
Partition Coefficient: n-octanol/water	No Information
Auto-Ignition Temperature (°C)	No Information
Decomposition temperature (°C)	No Information
Viscosity	No Information
Oxidising properties	Not Applicable

9.2 Other information.

Volatile Organic Compounds (VOC) content	1.0%
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(See section 16 for abbreviation legend)

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.

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Product Information

The product itself has not been tested

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

ATEmix (oral)	7,539.1 mg/kg
ATEmix (dermal)	0.0 mg/kg
ATEmixInhalation	ATEmixInhalation

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
7631-90-5	Sulfurous Acid, Sodium Salt (1:1)	1310 mg/kg Rat	No Information	N.I.
7775-14-6	Sodium dithionite	2500 mg/kg Rat	N.I.	N.I.
1336-21-6	Ammonium hydroxide	350 mg/kg Rat	N.I.	N.I.
34590-94-8	Dipropylene glycol monomethyl ether	5400 uL/kg	9500 mg/kg Rabbit	N.I.

N.I. = No Information

12. Ecological Information

12.1 Toxicity

<1% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity Effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sulfurous Acid, Sodium Salt (1:1) 7631-90-5	-	-	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	-	EC50 48 h Daphnia magna Straus 98 mg/L
Ammonium hydroxide 1336-21-6	-	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	-	LC50 96 h Pimephales promelas >10000 mg/L	LC50 48 h Daphnia magna 1919 mg/L
Sodium carbonate 497-19-8	-	LC50 96 h Lepomis macrochirus 300 mg/L, LC50 96 h Pimephales promelas 310 - 1220 mg/L	EC50 48 h Daphnia magna 265 mg/L
Sodium bromide 7647-15-6	EC50 96 h Scenedesmus pannonicus 5800 - 24000 mg/L	LC50 96 h Oryzias latipes 24000 - 96000 mg/L, LC50 96 h Oryzias latipes 24000 mg/L, LC50 96 h Poecilia reticulata 16000 - 24000 mg/L, LC50 96 h Poecilia reticulata 16000 mg/L, LC50 96 h Pimephales promelas 15614 - 17428 mg/L, LC50 96 h Lepomis macrochirus >1000 mg/L, LC50 96 h Oncorhynchus mykiss 0.054 - 0.081 mg/L, LC50 96 h Oncorhynchus mykiss >1000 mg/L	EC50 48 h Daphnia magna 5800 - 48000 mg/L, EC50 48 h Daphnia magna 5700 - 10800 mg/L
Sodium sulphate 7757-82-6	-	LC50 96 h Pimephales promelas 13500 - 14500 mg/L, LC50 96 h Pimephales promelas >6800 mg/L, LC50 96 h Lepomis macrochirus 3040 - 4380 mg/L, LC50 96 h Lepomis macrochirus 13500 mg/L	EC50 48 h Daphnia magna 2564 mg/L

5-Chloro-2-methyl-4-isothiazolin-3-one 26172-55-4	EC50 72 h Pseudokirchneriella subcapitata 0.11 - 0.16 mg/L, EC50 96 h Pseudokirchneriella subcapitata 0.03 - 0.13 mg/L	LC50 96 h Oncorhynchus mykiss 1.6 mg/L	EC50 48 h Daphnia magna 4.71 mg/L, EC50 48 h Daphnia magna 0.12 - 0.3 mg/L, EC50 48 h Daphnia magna 0.71 - 0.99 mg/L
Magnesium Chloride 7786-30-3	EC50 72 h Pseudokirchneriella subcapitata >82.7 mg/L	LC50 96 h Pimephales promelas 1970 - 3880 mg/L	EC50 48 h Daphnia magna 140 mg/L

12.2. Persistence and degradability.

No data are available on the product itself

12.3. Bioaccumulative potential.

Discharge into the environment must be avoided.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Bio. Conc. Factor (BCF)</u>	<u>Octanol-water par. Coeff (KOW)</u>
34590-94-8	Dipropylene glycol monomethyl ether	N.I.	-0.064

12.4 Mobility in soil.**Mobility in soil.**

No information available

Mobility

No information available

12.5 Results of PBT and vPvB assessment.

No data are available on the product itself

12.6 Other adverse effects.

No information available

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.

14. Transport Information

ADR

14.1 UN number:	No Information
14.2 Proper shipping name:	Not regulated
14.3 Hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Environmental hazards:	No Information
14.6 Special provisions:	No Information

IMDG

14.1 UN number:	No Information
14.2 Proper shipping name:	Not regulated
14.3 Hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Marine pollutant:	No Information
Environmental hazards:	No Information
14.6 Special provisions:	No Information
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	No Information

IATA

14.1 UN number:	No Information
14.2 Proper shipping name:	Not regulated
14.3 Hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Environmental hazards:	No Information
14.6 Special provisions:	No Information

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:**National regulatory information**

German WGK classification: 3

Remarks: WGK 0 = in general not a water pollutant
 WGK 1 = weak water pollutant
 WGK 2 = water pollutant
 WGK 3 = severe water pollutant

<u>CAS/Chemical Name</u>	<u>French RG number</u>	<u>Title</u>
7631-90-5	RG 66	Diseases caused by liquid organic solvents for professional use. Health effects caused by professional use of liquid organic solvents (indicated in the table). Gastrointestinal disorders caused by benzene, toluene, xylenes and all products containing them
34590-94-8	RG 84	

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 (Annex XIV) and/or restrictions on use (Annex XVII), Regulation (CE) 1907/2006

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Annex XIV Authorisation List</u>	<u>Annex XVII Restricted list</u>
	Not applicable		

EU Substances of Very High Concern

<u>CAS-No.</u>	<u>Chemical Name</u>
	No items on this list exist.

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	Complies
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	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.
AICS	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

16. Other Information

Revision Date	5/25/2021	Supersedes Date	New MSDS
Reason for revision	No Information		

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

EUH031	Contact with acids liberates toxic gas.
H250	Catches fire spontaneously if exposed to air.
H251	Self-heating; may catch fire.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006