

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

SDS #	XPEL-020-EU
Product Code	R1397, R1397-2
Product Name	XPEL Iron Oxide Remover
Contains Sodium thioglycolate, Sodium xylenesulfonate , Glycol Ether EB	

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

Recommended Use	Cleaning agent
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1.3. Details of the Supplier of the Safety Data Sheet

Supplier	XPEL, Inc. 3251 I-35 San Antonio, TX, 78219
Telephone (General)	+1 (210) 678-3700
Email Address	support@xpel.com

1.4 Emergency telephone number (24H)

INFOTRAC	1-352-323-3500 (International)
INFOTRAC	1-800-535-5053 (North America)

Section 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Acute toxicity - Dermal	Category 4 - (H312)
Serious eye damage/eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1 - (H317)

2.2 Label Elements

Product Identifier	Contains Sodium thioglycolate, Sodium xylenesulfonate , Glycol Ether EB
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Signal Word	Warning
Hazard statements	
H302	Harmful if swallowed
H312	Harmful in contact with skin
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction

Precautionary Statements - EU (§28, 1272/2008)

P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash face, hands and any exposed skin 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 gloves and protective clothing
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330	Rinse mouth
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P312	Call a POISON CENTER or doctor if you feel unwell
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention
P363	Wash contaminated clothing before reuse
P305 + P351 + 338	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
P501	Dispose of contents/ container to an approved waste disposal plant

2.3 Other Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURES

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Sodium thioglycolate	Present	367-51-1	25-30	Skin Sens. 1 (H317) (Self-Classification)	Not determined
Sodium xylenesulfonate	Present	1300-72-7	5-8	Not determined	Not determined
Glycol Ether EB	Present	111-76-2	2-3	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	Not determined

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

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Inhalation	Remove to fresh air.
Ingestion	Call a poison center or doctor/physician if you feel unwell. Rinse mouth.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. May cause an allergic skin reaction.

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 Dry chemical. Sand. Water spray. Dry powder. Foam. Carbon dioxide (CO₂).

Unsuitable Extinguishing Media High volume water jet.

5.2. Special Hazards Arising from the Substance or Mixture

Water can be used to cool fire exposed containers.

Hazardous Combustion Products Smoke, fumes or vapors, and oxides of carbon.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

Personal Precautions Use personal protective equipment as required.

For Emergency Responders Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. 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.

Methods for Clean-Up Absorb spillage with non-combustible, absorbent material. Keep in suitable, closed containers for disposal.

6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

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. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing must not be allowed out of the workplace.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific End Use(s)

Specific Use(s) Cleaning agent.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Glycol Ether EB 111-76-2	S* TWA 20 ppm TWA 98 mg/m ³ STEL 50 ppm STEL 246 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 25 ppm TWA: 123 mg/m ³ Skin	TWA: 10 ppm TWA: 49 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³	S* STEL: 50 ppm STEL: 245 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	TWA: 10 ppm TWA: 49 mg/m ³ H*
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Glycol Ether EB 111-76-2	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ Skin	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	Skin STEL: 246 mg/m ³ TWA: 100 mg/m ³	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 250 mg/m ³ Skin	TWA: 20 ppm TWA: 98 mg/m ³ Skin
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Glycol Ether EB 111-76-2	Skin STEL 40 ppm STEL 200 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	Skin STEL: 20 ppm STEL: 98 mg/m ³ TWA: 10 ppm TWA: 49 mg/m ³	STEL: 200 mg/m ³ TWA: 98 mg/m ³	TWA: 10 ppm TWA: 50 mg/m ³ Skin STEL: 20 ppm STEL: 75 mg/m ³	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ Skin

8.2. Exposure Controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Personal Protective Equipment

Eye/Face Protection Chemical goggles or full face shield. Safety glasses. If necessary, refer to appropriate regulations and standards.

Hand Protection Wear protective gloves. If necessary, refer to appropriate regulations and standards.

Skin and Body Protection Suitable protective clothing. If necessary, refer to appropriate regulations and standards.

Respiratory Protection If necessary, refer to appropriate regulations and standards.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Physical and Chemical Properties

Physical state	Liquid		
Appearance	Clear liquid	Odour	Mild
Colour	Clear	Odour Threshold	Not determined

Property	Values	Remarks • Method
pH	5	-
Melting point / freezing point	Not determined	-
Boiling point / boiling range	100 °C / 212 °F	-
Flash point	Not determined	-
Evaporation Rate	Not determined	-
Flammability (Solid, Gas)	Liquid - Not Applicable	-
Flammability Limit in Air		-
Upper flammability or explosive limits	Not determined	-
Lower flammability or explosive limits	Not determined	-
Vapour Pressure	Not determined	-
Vapour Density	Not determined	-
Relative Density	>1	-
Water Solubility	Not determined	-
Solubility(ies)	Not determined	-
Partition Coefficient	Not determined	-
Autoignition temperature	Not determined	-
Decomposition temperature	Not determined	-
Kinematic viscosity	Not determined	-
Dynamic Viscosity	Not determined	-
Explosive Properties	Not determined	-
Oxidising Properties	Not determined	-

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Hazardous Polymerisation Hazardous polymerisation does not occur.

Possibility of Hazardous Reactions None under normal processing.

10.4. Conditions to Avoid

Direct sunlight. Extreme temperatures. Hot surfaces. Ignition sources.

10.5. Incompatible Materials

Acids. Bases. Oxidizing agents.

10.6. Hazardous Decomposition Products

Smoke, fumes or vapors, and oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute toxicity

Product Information

Inhalation	Do not inhale.
Eye Contact	Causes serious eye irritation.
Skin Contact	Harmful in contact with skin.
Ingestion	Harmful if swallowed.

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

ATEmix (oral)	1,435.8440 mg/kg
ATEmix (dermal)	916.50 mg/kg
ATEmix (inhalation-dust/mist)	31.00 mg/L
ATEmix (inhalation-vapour)	48.50 mg/L

Unknown Acute Toxicity

- 41 % of the mixture consists of ingredient(s) of unknown toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 41 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 38 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
- 38 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information			
Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium thioglycolate	504 mg/kg (Mouse)	293 mg/kg (Mouse)	-
Sodium xylenesulfonate	= 1000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Glycol Ether EB	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h

Skin corrosion/irritation	Causes mild skin irritation.
Serious eye damage/eye irritation	Not classified.
Sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Section 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Glycol Ether EB	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

12.2. Persistence and Degradability

Not determined.

12.3. Bioaccumulative Potential

Chemical name	Partition coefficient
Glycol Ether EB	0.81

12.4. Mobility in Soil

Mobility

12.5. Results of PBT and vPvB Assessment

Not determined.

12.6. Other Adverse Effects

Not determined.

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	Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION**IMDG**

14.2 Proper Shipping Name Not regulated

RID

14.2 Proper Shipping Name Not regulated

ADR

14.2 Proper Shipping Name Not regulated

IATA

14.2 Proper Shipping Name Not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Glycol Ether EB 111-76-2	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.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

International Inventories

Chemical name	TSCA	DSL/NDSL	E I N E C S / ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Sodium thioglycolate 367-51-1 (25-30)	X	X	X	X	X	X	X	X
Sodium xylenesulfonate 1300-72-7 (5-8)	X	X	X	X	X	X	X	X
Glycol Ether EB 111-76-2 (2-3)	X	X	X	X	X	X	X	X

Legend

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

15.2. Chemical Safety Assessment

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

Section 16: OTHER INFORMATION**Full text of H-Statements referred to under section 3**

H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Classification Procedure**

Calculation method

Issue Date:	16-Nov-2021
Revision Date:	08-Jun-2023
Revision Note:	New format.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet