

SECTION 1 - Identification

1.1 Identification

Product form : Mixture
 Product name : XPEL WATER SPOT REMOVER
 Product code : R1398 & R1398-2

1.2 Recommended use and restrictions on use

No additional information available

1.3 Supplier

XPEL, Inc.
 618 W. Sunset
 San Antonio, TX, 78216
 T: +1 210-678-3700

1.4 Emergency telephone number

Emergency Number : +1 800-535-5053 (INFOTRAC)
 : +1 352-323-3500 (INFOTRAC International)

SECTION 2 - Hazard(s) identification

2.1 Classification of the substance or mixture

Not classified

GHS-US classification

Serious eye damage/eye irritation H319 Causes serious eye irritation
 Category 2

Full text of H statements : see section 16

2.2 GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US) : Warning
 Hazard statements (GHS-US) : H319 - Causes serious eye irritation

Precautionary statements (GHS-US) P264 - Wash ... thoroughly after handling
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 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

SECTION 2 - Hazard(s) identification

2.3 Other hazard white do not result in classification

No additional information available

2.4 Unknown acute toxicity (GHS US)

Not applicable

SECTION 3 - Composition/Information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Name	CAS Number	Concentration	GHS-US Classification
1-propanol	71-23-8	1 - 2 %	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336
butyl glycoether	111-76-2	0.5 - 1 %	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319

Full text of H statements : see section 16

SECTION 4 - First-aid measures

4.1 Description of first-aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove the victim into fresh air. If not breathing give artificial respiration. Get immediate medical advice/attention. Allow victim to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Move victim away from exposure and into fresh air. Rinse immediately with plenty of water for 15 minutes. If eye irritation persists: Get medical advice/attention. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician or poison control center immediately. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2 Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3 Immediate medical attention and special treatments, if necessary

No additional information available

SECTION 5 - Fire-fighting measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. Carbon dioxide. Dry chemical powder. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2 Specific hazard arising from the chemical

No additional information available

5.3 Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Water can be used to keep exposed containers cool, to protect. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Complete protective clothing. Self-contained breathing apparatus. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 - Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	: Absorb spill on vermiculite floor absorbent or other absorbent material.
6.1.1. For non-emergency personnel	
Protective equipment	: Protective goggles. Protective clothing.
Emergency procedures	: Stop spill at source, prevent from spreading. No open flames, no sparks, and no smoking. Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Use personal protective equipment as required. Safety glasses. Protective gloves. Equip cleanup crew with proper protection.
Emergency Procedures	: Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7 - Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable. Containers of this material may be hazardous when emptied. All hazard precautions given should be observed.

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Containers may be hazardous when emptied. Since emptied containers retain product residues, all hazard precautions given in the data sheet should be observed. All 5 gallon and larger metal containers should be grounded or bonded when material is transferred. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures : Store in a well-ventilated place. Keep away from heat, sparks, and flames. Emptied containers may retain product residues. Precautions apply to emptied containers. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Storage conditions

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8 - Exposure controls/personal protection

8.1 Control parameters

XPEL WATER SPOT REMOVER : No additional information available

1-propanol (71-23-8)

USA - ACGIH - Occupational Exposure

Limits

Local name : n-Propanol (n-Propyl alcohol)
ACGIH TWA (ppm) : 100 ppm
ACGIH STEL (ppm) : 100 ppm
Remark (ACGIH) : Eye & URT irr

USA - OSHA - Occupational Exposure

Limits

Local name : n-Propyl alcohol
ACGIH TWA (ppm) : 500 mg/m³
ACGIH STEL (ppm) : 200 ppm

butyl glycolether (111-76-2)

USA - ACGIH - Occupational Exposure

Limits

ACGIH TWA (ppm) : 20 ppm
ACGIH STEL (ppm) : 20 ppm

8.2 Appropriate Engineering Controls

No additional information available

8.3 Individual protection measures/Personal protective equipment

Personal protective equipment: : Avoid all unnecessary exposure.

Hand Protection : Wear protective gloves

Eye Protection : Chemical goggles or safety glasses

Skin and Body Protection : Wear suitable protective clothing

Respiratory Protection : Wear appropriate mask

Other Information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Light Gray Liquid.
Color	: Blue
Odor	: Sweet
Odor threshold	: No data available
pH	: 3 - 4
Melting point	: No Data
Freezing point	: No data available
Boiling point	: 180 °F @ 760 mmHg
Flash point	: > 160 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: 33 .0 mmHg @ 68.0 F
Relative vapor density at 20 °C	: No data available
Relative density	: 1 @ 60.0 F
Solubility	: Water: > 0.01
Log Pow	: No data available
Auto-ignition temperature	: NA
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2 Other information

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal conditions. Not established.

10.3 Possibility of hazardous reactions

Not established.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

Acids. Oxidizing agent. Strong acids. Strong bases.

10.6 Hazardous decomposition products

None Expected. fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

1-propanol (71-23-8)

LD50 oral rat	: > 2000 mg/kg (Rat)
LD50 dermal rabbit	: 4049 mg/kg (Rabbit)

1-propanol (71-23-8)

LC50 inhalation rat (mg/l)	: 9.8 mg/l/4h (Rat)
ATE US (dermal)	: 4049 mg/kg body weight
ATE US (vapors)	: 9.8 mg/l/4h
ATE US (dust, mist)	: 9.8 mg/l/4h

SECTION 11: Toxicological information

11.1 Information on toxicological effects

butyl glycoether (111-76-2)	: Toxic if swallowed.
LD50 oral rat	: 1746 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	: 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	: 2.2 mg/l/4h (Rat; Experimental value)
LC50 inhalation rat (ppm)	: 450 ppm/4h (Rat; Experimental value)
ATE US (oral)	: 1746 mg/kg body weight
ATE US (dermal)	: 1100 mg/kg body weight
ATE US (gases)	: 450 ppmV/4h
ATE US (vapors)	: 2.2 mg/l/4h
ATE US (dust, mist)	: 2.2 mg/l/4h
Skin corrosion/irritation	: Not classified pH: 3 - 4
Serious eye damage/irritation	: Causes serious eye irritation. pH: 3 - 4
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
butyl glycoether (111-76-2)	
IARC group	: 3 - Not classifiable
Reproductive toxicity	: Not classified
Specific target organ toxicity single exposure	: Not classified
1-propanol (71-23-8)	
Specific target organ toxicity single exposure	: May cause drowsiness or dizziness.
Specific target organ toxicity repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/injuries	: Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological information

12.1 Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
butyl glycoether (111-76-2)	
LC50 fish 1	: 1474 ppm (96 h; Oncorhynchus mykiss)
EC50 Daphnia 1	: 1550 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	: 911 mg/l (72 h; Pseudokirchneriella subcapitata)
Threshold limit algae 2	: 88 mg/l (72 h; Pseudokirchneriella subcapitata)
1-propanol (71-23-8)	
LC50 fish 1	: 3200 mg/l 48 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	: 4415 mg/l (24 h; Daphnia magna)
EC50 other aquatic organ isms 1	: 4168 mg/l (48 h; Protozoa)
LC50 fish 2	: 4480 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 2	: 3644 mg/l (48 h; Daphnia magna)
TLM fish 1	: 200 - 500, Gobio gobio
TLM other aquatic organisms 1	: 100 - 1000, 96 h
Threshold limit algae 1	: 2000 mg/l (Selenastrum capricornutum)
Threshold limit algae 2	: 3100 mg/l (168 h; Scenedesmus quadricauda)

SECTION 12: Ecological information

12.2 Persistence and degradability

XPEL IRON REMOVER

Persistence and degradability : Not established

1-propanol (71-23-8)

Persistence and degradability : Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions.

Biochemical oxygen demand (BOD) : 0.47 - 1.63 g O₂/g substance

Chemical oxygen demand (COD) : 2.23 g O₂/g substance

ThOD : 2.4 g O₂/g substance

BOD (% of ThOD) : 0.20 - 0.44 % ThOD

butyl glycoether (111-76-2)

Persistence and degradability : Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.

12.3 Bioaccumulative potential

XPEL IRON REMOVER

Bioaccumulative potential : Not established

1-propanol (71-23-8)

Log Pow : 0.25 (Experimental value)

Bioaccumulative potential : Low potential for bioaccumulation (Log Kow < 4).

butyl glycoether (111-76-2)

Log Pow : 0.81 (Test data; 20 °C)

Bioaccumulative potential : Low potential for bioaccumulation (Log Kow < 4).

12.4 Mobility in soil

1-propanol (71-23-8)

Ecology - soil : 0.024 N/m (20 °C)

butyl glycoether (111-76-2)

Surface tension : 0.065 N/m (20 °C; 003)

12.5 Other adverse effects

Other information

: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1 Disposal methods

Product/Packaging disposal recommendations

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Ecology - waste materials

: Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

TDG

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

XPEL WATER SPOT REMOVER

: Not listed on the United States TSCA (Toxic Substances Control Act) inventory

butyl glycoether (111-76-2)

: Listed on the United States TSCA (Toxic Substances Control Act) inventory

1-propanol (71-23-8)

: Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 International regulations

No additional information available

15.3 US State regulations

butyl glycoether(111-76-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

1-propanol(71-23-8)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other Information

Other information : None

Full text of H-phrases:

H225	: Highly flammable liquid and vapor
H227	: Combustible liquid
H302	: Harmful if swallowed
H312	: Harmful in contact with skin
H315	: Causes skin irritation
H318	: Causes serious eye damage
H319	: Causes serious eye irritation
H332	: Harmful if inhaled
H336	: May cause drowsiness or dizziness

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