

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form	Mixture
Trade name	WPF RESTORE

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use	Surface Protection Surfactant
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1.4. Details of manufacturer or importer

Supplier XPPEL, Inc. 3251 I-35 San Antonio, TX, 78219 USA T +1 210-678-3700	Supplier XPPEL Australia 4/2 Holker St. Newington NSW 2127 Australia
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1.5. Emergency phone number

Emergency Number	1300 366 961
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SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Serious eye damage/eye irritation, Category 2A	H319
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2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU):



Exclamation mark

Signal word (GHS AU)	Warning
Contains	2-butoxyethanol (< 2 %)
Hazard statements (GHS AU)	H319 - Causes serious eye irritation
Precautionary statements (GHS AU)	P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves, 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 attention.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3 - Composition/Information on ingredients

Name	CAS No	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Water	7732-18-5	≥ 90	Not classified
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	1242619-23-3	< 6	Not classified
2-butoxyethanol (< 2 %)	111-76-2	< 2	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Other substances (not contributing to the classification of this product)	-	up to 100%	-

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	If you feel unwell, seek medical advice.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after 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.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	None under normal conditions.
Symptoms/effects after eye contact	Eye irritation.
Symptoms/effects after ingestion	None under normal conditions.

4.3. Medical attention and special treatment

Treatment	Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	No fire hazard.
Explosion hazard	No direct explosion hazard.
General measures	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
Hazardous decomposition products in case of fire	Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 - Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

General measures	Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
For non-emergency personnel	
Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Ventilate spillage area.
For emergency responders	
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Environmental precautions	Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

Methods for Containment	Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for Clean-Up	Take up liquid spill into absorbent material.

SECTION 7 - Handling and storage**7.1. Precautions for safe handling**

Additional hazards when processed	Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Keep in a cool, well-ventilated place away from heat.
Storage Conditions	Keep cool. Protect from sunlight.
Packaging materials	Store always product in container of same material as original container.

SECTION 8 - Exposure controls/personal protection**Control parameters - exposure standards**

2-butoxyethanol (< 2 %) (111-76-2)	
Australia - Occupational Exposure Limits	
Local name	2-Butoxyethanol (Butyl cellosolve; Butyl glycol; Ethylene glycol monobutyl ether; Glycol monobutyl ether)
OES TWA	96.9 mg/m ³
	20 ppm
OES STEL	242 mg/m ³
	50 ppm
Remark (AU)	Sk - Absorption through the skin may be a significant source of exposure.
Regulatory reference	Workplace exposure standards for airborne contaminants (2024)

8.2. Biological Monitoring

No additional information available

8.3. Engineering Controls

Appropriate engineering controls	Ensure good ventilation of the work station.
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8.4. Individual protection measures/Personal protective equipment

Personal protective equipment	Wear recommended personal protective equipment.
Hand protection	Chemically resistant protective gloves
Eye protection	Protective goggles (EN 166)
Skin and body protection	Wear suitable protective clothing
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment
Environmental	Avoid release to the environment.

SECTION 9: Physical and chemical properties

Property	Values
Physical state	Liquid
Appearance	No data available
Color	White
Odor	aromatic
Odor Threshold	No data available
pH	No data available
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	No data available
Flash point	> 95 °C
Auto-ignition temperature	No data available
Flammability	No data available
Vapor Pressure	No data available
Relative density	No data available
Density	No data available
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	No data available
Explosive properties	No data available
Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

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

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	Not classified (Based on available data, the classification criteria are not met)

2-butoxyethanol (< 2 %) (111-76-2)	
LD50 oral	1414 mg/kg bodyweight Animal: guinea pig, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1020 - 1961
ATE AU (oral)	500 mg/kg bodyweight
ATE AU (gases)	700 ppmv/4h
ATE AU (vapours)	3 mg/l/4h
ATE AU (dust,mist)	0.5 mg/l/4h

Skin corrosion/irritation	Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	Not classified (Based on available data, the classification criteria are not met)

2-butoxyethanol (< 2 %) (111-76-2)	
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)

Aspiration hazard	Not classified (Based on available data, the classification criteria are not met)
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SECTION 12: Ecological information**12.1. Ecotoxicity**

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 (Based on available data, the classification criteria are not met).
Hazardous to the aquatic environment, long-term (chronic)	Not classified (Based on available data, the classification criteria are not met).

2-butoxyethanol (< 2 %) (111-76-2)	
LC50 fish 1	1474 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 Daphnia 1	≈ 1800 mg/l Test organisms (species): Daphnia magna
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 100 mg/l Test organisms (species): Oryzias latipes Duration: '14 d'

12.2. Persistence and degradabil

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	Not classified (Based on available data, the classification criteria are not met)
Other adverse effects	No additional information available

XPEL WPF RESTORE	
Fluorinated greenhouse gases	False
Amino-functional Phenyl Methyl Silicone Resin (1242619-23-3)	
Fluorinated greenhouse gases	False
2-butoxyethanol (< 2 %) (111-76-2)	
Fluorinated greenhouse gases	False
Water (7732-18-5)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Regional waste regulation	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/ Packaging disposal recommendations	Disposal must be done according to official regulations.
Additional information	Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

	ADG	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name	Not regulated	Not regulated	Not regulated
Transport hazard class(es)	Not regulated	Not regulated	Not regulated
Packing group	Not regulated	Not regulated	Not regulated
Environmental hazards	Not regulated	Not regulated	Not regulated

14.1. Special precautions for user

Specific storage requirement	No data available
Shock sensitivity	No data available

14.2. Additional information

Other information	No supplementary information available
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14.3. Transport by road and rail

Not regulated

14.4. Transport by sea

Not regulated

14.5. Hazchem or Emergency Action Code

Hazchem Code	Not applicable
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations specific for the product in question**

Australian Industrial Chemicals Introduction Scheme (AICIS)	All components of this mixture are listed on or exempted from AICIS
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)	No additional information available
Australian Pesticides and Veterinary Medicines Authority (APVMA)	No additional information available

15.2. International agreements

No additional information available

**Section 16: OTHER INFORMATION****16.1. Classification**

Eye Irrit. 2A H319

16.2. Full text of H-statements

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H331	Toxic if inhaled

Issue Date: 01-Jan-2024

Revision Date: 01-Oct-2024

Revision Note: New format.

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