SECTION 1 - Indentification

Product identifier

Product name	XPEL FUSION PLUS PREMIUM V2
Product code	R1473
SDS #	XPEL-033

Recommended use of the chemical and restrictions on use

Surface protectant/surfactant.

Details of the supplier of the safety data sheet

XPEL, Inc.
3251 I-35
San Antonio, TX, 78219
T: +1 210-678-3700

Emergency telephone number

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

SECTION 2 - Hazard(s) identification

Appearance	Physical state	Odor
Clear liquid	Liquid	Aromatic

Classification

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1

Signal word	Danger
Hazard Statements	Hazard statements
	Harmful if inhaled
	Causes skin irritation
	Causes serious eye irritation
	May cause genetic defects
	May cause drowsiness or dizziness
	May cause cancer
	May be fatal if swallowed and enters airways

Hazard pictograms

Precautionary statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Wash face, hands and any exposed skin thoroughly after handling

Precautionary statements - Response

If exposed or concerned: Get medical advice/attention

IF IN EYES: 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

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash before reuse

If skin irritation occurs: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Do NOT induce vomiting

Precautionary statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

SECTION 3 - Composition/Information on ingredients

Chemical Name	CAS No	Weight-%
Naphtha (petroleum), hydrotreated heavy	64742-48-9	50-90
tert-Butyl acetate	540-88-5	0.1-5
1-chloro-4(trifluoromethyl) benzene	98-56-6	0.1-3

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 - First-aid measures

Description of first-aid measures

General Advice	If exposed or concerned: Get medical advice/attention.
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. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists, seek medical attention.
Ingestion	Immediately call a poison center or doctor/physician. Do NOT induce vomiting.

Most important symptoms and effects (acute and delayed)

Symptoms	May be harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. May cause cancer. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.

SECTION 5 - Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Carbon dioxide (CO2). Dry chemical powder. Foam.

Unsuitable Extinguishing Media	None known.

Specific hazard arising from the chemical

Not determined.

Hazardous combustion products	Carbon oxides.

Protective equipment and precautions for firefighters

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

SECTION 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions

Environmental precautions	See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment	Stop leak if safe to do so. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
Methods for Clean-Up	Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

SECTION 7 - Handling and storage

Precautions for safe handling

Advice on Safe Handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Incompatible Materials	Strong oxidizers.

SECTION 8 - Exposure controls/personal protection

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLK
t-Butyl Acetate 540-88-5	STEL: 150 ppm TWA: 50 ppm	TWA: 200 ppm TWA: 950 mg/m³ (vacated) TWA: 200 ppm (vacated) TWA: 950 mg/m³	IDLH: 1500 ppm TWA: 200 ppm TWA: 950 mg/m³
1-chloro-4(trifluoromethyl) benzene 98-56-6	TWA: 2.5 mg/m³ F	TWA: 2.5 mg/m³ F (vacated) TWA: 2.5 mg/m³	IDLH: 250 mg/m³ F

Appropriate Engineering Controls

Engineering Controls	Showers. Eyewash stations. Ventilation systems.

Individual protection measures/Personal protective equipment

Eye/Face Protection	Wear eye/face protection. Refer to 29 CFR 1910.133 for eye and face protection regulations.
Skin and Body Protection	Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Refer to 29 CFR 1910.134 for respiratory protection requirements.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Property	Values
Physical state	Liquid
Appearance	Clear liquid
Color	Colorless
Odor	Aromatic
Odor Threshold	Not determined
pH	No data available
Melting point / freezing point	No data available
Initial boiling point and boiling range	360 °C / 680 °F
Flash point	145 °C / 293 °F
Evaporation Rate	<1
Flammability (Solid, Gas)	Not determined
Flammability Limit in Air	-
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Vapor Pressure	Not determined
Vapor Density	No data available
Relative Density	Not determined
Water Solubility	Not determined
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	No data available
Decomposition temperature	Not determined
Kinematic viscosity	2 mm2/s
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

SECTION 10: Stability and reactivity

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

SECTION 10: Stability and reactivity (Continued)

Conditions to avoid

Heat. Incompatible Materials. Sources of ignition. Direct sunlight.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes
Skin Contact	May be harmful in contact with skin.
Inhalation	Harmful if inhaled.
Ingestion	May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Light aliphatic solvent naphtha 64742-48-9	> 6000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 8500 mg/m3 (Rat) 4 h
t-Butyl Acetate 540-88-5	= 4100 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 9482 mg/m3 (Rat) 4 h
1-chloro-4(trifluoromethyl) benzene 98-56-6	= 13 g/kg (Rat)	> 3300 mg/kg (Rabbit)	= 33 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Germ cell mutagenicity	May cause genetic defects.
Carcinogenicity	May cause cancer.

Chemical name	ACGIH	IARC	NTP	OSHA
1-chloro-4(trifluoromethyl) benzene 98-56-6	-	Group 2B	-	X

Legend

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

STOT - single exposure May cause drowsiness or dizziness.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity

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

Oral LD50 5,974.10 mg/kg

Dermal LD50 4,726.80 mg/kg

ATEmix (inhalation-dust/mist) 9.48 mg/l

SECTION 12: Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Naphtha (petroleum), hydrotreated heavy 64742-48-9	-	LC50: =2200mg/L (96h, Pimephales promelas)	-
t-Butyl Acetate 540-88-5	-	LC50: 296 - 362mg/L (96h, Pimephales promelas)	-
1-chloro-4(trifluoromethyl) benzene 98-56-6	-	LC50: =3mg/L (96h, Danio rerio)	EC50: =3.68mg/L (48h, Daphnia magna)

Persistence and degradability

Not determined.

Bioaccumulative potential

There is no data for this product.

Mobility

Chemical name	Partition coefficient
t-Butyl Acetate 540-88-5	1.64
1-chloro-4(trifluoromethyl) benzene 98-56-6	3.70

Other adverse effects

Not determined.

SECTION 13: Disposal considerations

13.1 Disposal methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

SECTION 15: Regulatory information

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Naphtha (petroleum), hydrotreated heavy	X	ACTIVE	X	X	-	X	X	X	X
Amino-functional Phenyl Methyl Silicone Resin	X	ACTIVE	X	-	-	-	-	-	X
t-Butyl Acetate	X	ACTIVE	X	X	X	X	X	X	X
1-chloro-4(trifluoromethyl) benzene	X	ACTIVE	X	X	X	X	X	X	X

LEGEND

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-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

SECTION 15: Regulatory information

US Federal Regulations

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
t-Butyl Acetate 540-88-5	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
t-Butyl Acetate	-	-	-	X

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Chemical name	Partition coefficient
1-chloro-4(trifluoromethyl) benzene - 98-56-6	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
t-Butyl Acetate 540-88-5	X	X	X
1-chloro-4(trifluoromethyl) benzene 98-56-6	X	-	-

Section 16: OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
-	-	-	-	-

HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
-	-	-	-	Not determined

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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