

SECTION 1 - Identification**Product identifier**

Product name	XPEL FUSION PLUS MARINE V2
Product code	R1521 & R1521-L
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.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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SECTION 5 - Fire-fighting measures**Suitable (and unsuitable) extinguishing media**

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

Unsuitable Extinguishing Media	None known.
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Specific hazard arising from the chemical

Not determined.

Hazardous combustion products	Carbon oxides.
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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/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 950 mg/m ³	IDLH: 1500 ppm TWA: 200 ppm TWA: 950 mg/m ³
1-chloro-4(trifluoromethyl) benzene 98-56-6	TWA: 2.5 mg/m ³ F	TWA: 2.5 mg/m ³ F (vacated) TWA: 2.5 mg/m ³	IDLH: 250 mg/m ³ 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 mm ² /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/m ³ (Rat) 4 h
t-Butyl Acetate 540-88-5	= 4100 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 9482 mg/m ³ (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.

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	AICS
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