SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

SDS #	XPEL-033-EU
Product Name	FUSION PLUS MARINE V2

Other means of identification

Pure substance/mixture	Mixture

Contains Naphtha (petroleum), hydrotreated heavy

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

Recommended Use	Surface protectant/surfactant
Uses Advised Against	No information available

1.3. Details of the supplier of the safety data sheet

Supplier	XPEL, Inc. 3251 I-35 San Antonio, TX, 78219 USA
For further information, please contact	
Contact Point	XPEL, Inc. PHONE: 1-210-678-3700
Email Address	support@xpel.com

1.4. Emergency telephone number

Emergency Telephone (24 hr)	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

Notrufnummer - §45 - (EG) 1272/2008	
Europa	112

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Inhalation (Dusts/Mists)	Category 4 - (H332)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Germ cell mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 1B - (H350)
Specific target organ toxicity — single exposure	Category 3 -(H336)
Aspiration hazard	Category 1 - (H304)

2.2 Label Elements

Contains Naphtha (petroleum), hydrotreated heavy

Signal Word	Danger
Hazard statements	H304 - May be fatal if swallowed and enters airways
	H315 - Causes skin irritation
	H319 - Causes serious eye irritation
	H332 - Harmful if inhaled
	H336 - May cause drowsiness or dizziness
	H340 - May cause genetic defects
	H350 - May cause cancer

Precautionary Statements - EU (§28, 1272/2008)s	
P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash face, hands and any exposed skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P281	Use personal protective equipment as required
P308 + P313	IF exposed or concerned: Get medical advice/attention
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
P302 + P352	IF ON SKIN: Wash with plenty of water and soap
P362	Take off contaminated clothing and wash before reuse
P332 + P313	If skin irritation occurs: Get medical advice/attention
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331	Do NOT induce vomiting
P405	Store locked up
P403 + P233	Store in a well-ventilated place. Keep container tightly closed
P501	Dispose of contents/ container to an approved waste disposal plant

Additional information	This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3 Other Hazards

No information available

Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical Name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Naphtha (petroleum), hydrotreated heavy 64742-48-9	50-90	No data available	(649-327-00-6) 265-150-3	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)	-	-	-
Amino-functional Phenyl Methyl Silicone Resin 1242619-23-3	10-30	No data available	-	Skin 2 (H315) Self-class Eye 2 (H319) Self-class STOT-SE 3 (H336) Self-class	-	-	-
tert-Butyl acetate 540-88-5	0.1-5	No data available	(607-026-00-7) 208-760-7	Flam. Liq. 2 (H225) (EUH066)	-	-	-
1-chloro-4 (trifluoromethyl) benzene 98-56-6	0.1-3	No data available	202-681-1	No data available	-	-	-

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical Name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Naphtha (petroleum), hydrotreated heavy 64742-48-9	6000	5000	Inhalation LC50 Rat >8500 mg/m3 4 h (aerosol, Source: EPA_HPV)	>8500	Inhalation LC50 Rat >8500 mg/m3 4 h (aerosol, Source: EPA_HPV)
Naphtha (petroleum), hydrotreated heavy 64742-48-9	4100	2000	Inhalation LC50 Rat >9482 mg/m3 4 h (no deaths occurred, vapor, Source: NLM_PUBMED) 9.482	>9482	Inhalation LC50 Rat >9482 mg/m3 4 h (no deaths occurred, vapor, Source: NLM_PUBMED)
1-chloro-4 (trifluoromethyl) benzene 98-56-6	13000	3300	Inhalation LC50 Rat 33 mg/L 4 h (Source: NTP)	33	Inhalation LC50 Rat 33 mg/L 4 h (Source: NTP)

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

Additional Information

Substances without a classification are included, because they have established occupational exposure limits

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice	Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/ attention. Immediate medical attention is required.
Inhalation	Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical attention. Delayed pulmonary edema may occur.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical attention.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists. See section 8 for more information.

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

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and tearing of the eyes. Burning sensation.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Note to doctors	Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable Extinguishing Media	Do not scatter spilled material with high pressure water streams.

5.2. Special Hazards Arising from the Substance or Mixture

Specific hazards arising from the chemical	No information available.
Hazardous combustion products	Carbon oxides.

5.3 Advice for Firefighters

Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions	Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mists.
Other information	Refer to protective measures listed in Sections 7 and 8.
For Emergency Responders	Use personal protection recommended in Section 8.

6.2. Environmental Precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so.

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	Take up mechanically, placing in appropriate containers for disposal.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to Other Sections

Reference to other sections	See section 8 for more information. See section 13 for more information.

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. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Take off contaminated clothing and wash it before reuse. Avoid breathing vapours or mists. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
General Hygiene Considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store away from other materials.
Storage class (TRGS 510)	LGK 6.1C.

7.3. Specific End Use(s)

Specific Use(s)	Surface protectant/surfactant.
Risk Management Methods (RMM)	The information required is contained in this Safety Data Sheet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

Chemical Name	European Union	Austria	Belgium	Bulgaria	Croatia
tert-Butylacetat 540-88-5	-	TWA: 20 ppm TWA: 96 mg/m³ STEL 20 ppm STEL 96 mg/m³ Ceiling: 20 ppm Ceiling: 96 mg/m³	TWA: 50 ppm TWA: 238 mg/m³ STEL: 150 ppm STEL: 712 mg/m³	-	TWA: 200 ppm TWA: 966 mg/m³ STEL: 250 ppm STEL: 1210 mg/m³
Chemical Name	**Cyprus**	**Czech Republic**	**Denmark**	**Estonia**	**Finland**
tert-Butylacetat 540-88-5	-	TWA: 950 mg/m³ Ceiling: 1200 mg/m³	TWA: 50 ppm TWA: 241 mg/m³	TWA: 100 ppm TWA: 500 mg/m³ STEL: 150 ppm STEL: 700 mg/m³	TWA: 50 ppm TWA: 240 mg/m³ STEL: 150 ppm STEL: 725 mg/m³
p-Chlorbenzotrifluorid 98-56-6	-	-	TWA: 2.5 mg/m3	TWA: 2.5 mg/m3	-
Chemical Name	**France**	**Germany TRGS**	**Germany DFG**	**Greece**	**Hungary**
Naphtha (Erdöl), mit Wasserstoff behandelte, schwere 64742-48-9	-	-	TWA: 50 ppm TWA: 300 mg/m³ Peak: 100 ppm Peak: 600 mg/m³	-	-
tert-Butylacetat 540-88-5	TWA: 200 ppm TWA: 950 mg/m³	TWA: 20 ppm TWA: 96 mg/m³	TWA: 20 ppm TWA: 96 mg/m³ Peak: 40 ppm Peak: 192 mg/m³	TWA: 200 ppm TWA: 950 mg/m³ STEL: 250 ppm STEL: 1190 mg/m³	-
p-Chlorbenzotrifluorid 98-56-6	-	TWA: 1 mg/m³	TWA: 1 mg/m³ *	TWA: 2.5 mg/m³	TWA: 2.5 mg/m³ b*
Chemical Name	**Ireland**	**Italy MDLPS**	**Italy AIDII**	**Latvia**	**Lithuania**
tert-Butylacetat 540-88-5	TWA: 200 ppm TWA: 950 mg/m³ STEL: 600 ppm	-	TWA: 50 ppm TWA: 238 mg/m³ STEL: 100 ppm STEL: 532 mg/m³	TWA: 200 mg/m³	-
p-Chlorbenzotrifluorid 98-56-6	TWA: 2.5 mg/m³ STEL: 7.5 mg/m³	-	TWA: 2.5 mg/m³	-	TWA: 20 mg/m³ O*
Chemical Name	**Luxembourg**	**Malta**	**Netherlands**	**Norway**	**Poland**
Naphtha (Erdöl), mit Wasserstoff behandelte, schwere 64742-48-9	-	-	-	-	STEL: 900 mg/m³ TWA: 300 mg/m³
tert-Butylacetat 540-88-5	-	-	-	TWA: 241 mg/m³ TWA: 50 ppm STEL: 723 mg/m³ STEL: 150 ppm	STEL: 900 mg/m³ TWA: 900 mg/m³
p-Chlorbenzotrifluorid 98-56-6	-	-	-	-	TWA: 2 mg/m³
Chemical Name	**Portugal**	**Romania**	**Slovakia**	**Slovenia**	**Spain**
tert-Butyl acetate 540-88-5	TWA: 200 ppm	-	TWA: 100 ppm TWA: 500 mg/m³ Ceiling: 384 mg/m³	TWA: 200 mg/m³ TWA: 42 ppm STEL: 84 ppm STEL: 400 mg/m³	TWA: 200 ppm TWA: 966 mg/m³
1-chloro-4 (trifluoromethyl) benzene 98-56-6	TWA: 2.5 mg/m³	-	TWA: 2.5 mg/m³	-	-

Chemical Name	Sweden	Switzerland	United Kingdom
Naphtha (Erdöl), mit Wasserstoff behandelte, schwere 64742-48-9	-	TWA: 50 ppm TWA: 300 mg/m³ STEL: 100 ppm STEL: 600 mg/m³	-
tert-Butylacetat 540-88-5	NGV: 50 ppm NGV: 241 mg/m³ Bindande KGV: 150 ppm Bindande KGV: 723 mg/m³	TWA: 50 ppm TWA: 240 mg/m³ STEL: 100 ppm STEL: 480 mg/m³	TWA: 200 ppm TWA: 966 mg/m³ STEL: 250 ppm STEL: 1210 mg/m³
p-Chlorbenzotrifluorid 98-56-6	NGV: 2 mg/m³	-	-

Biological occupational exposure limits

Chemical Name	Denmark	Finland	France	Germany DFG	Germany TRGS
1-chloro-4 (trifluoromethyl) benzene 98-56-6	-	-	3 mg/g creatinine - urine (Fluorides) - beginning of shift 10 mg/g creatinine - urine (Fluorides) - end of shift	-	-

Chemical Name	Hungary	Ireland	Italy MDLPS	Italy AIDII
1-chloro-4 (trifluoromethyl) benzene 98-56-6	7 mg/g Creatinine (urine - Fluoride end of shift) 4 mg/g Creatinine (urine - Fluoride prior to next shift) 42 µmol/mmol Creatinine (urine - Fluoride end of shift) 24 µmol/mmol Creatinine (urine - Fluoride prior to next shift)	-	-	2 mg/g Creatinine - urine (Fluorides) - prior to shift 3 mg/g Creatinine - urine (Fluorides) - end of shift
Chemical Name	**Latvia**	**Luxembourg**	**Romania**	**Slovakia**
1-chloro-4(trifluoromethyl) benzene 98-56-6	-	-	5 mg/g Creatinine - urine (Fluorine) - end of shift	-

Derived No Effect Level (DNEL) - Workers No information available.

Derived No Effect Level (DNEL) - General Public No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls No information available.

Personal Protective Equipment

Eye/face protection If splashes are likely to occur, wear safety glasses with side-shields.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.
Environmental exposure controls	No information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Colour	Colourless
Odour	Aromatic.
Odour Threshold	No information available

Property	Values
Melting point / freezing point	No data available
Initial boiling point and boiling range	360 °C
Flammability (Solid, Gas)	No data available
Flammability Limit in Air	
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Flash point	145 °C
Autoignition temperature	No data available
Decomposition temperature	
pH	No data available
pH (as aqueous solution)	No data available
Kinematic viscosity	2 mm2/s
Dynamic Viscosity	No data available
Water solubility	No data available
Solubility(ies)	No data available
Partition Coefficient	No data available
Vapour Pressure	No data available
Relative Density	No data available
Bulk Density	No data available
Liquid Density	No data available
Vapour Density	No data available
Particle characteristics	
Particle Size	No information available
Particle Size Distribution	No information available

9.2. Other information

9.2.1. Information with regards to physical hazard classes	Not applicable
9.2.2. Other safety characteristics	No information available <1

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	No information available.

10.2. Chemical stability

Stability	Stable under normal conditions.
Explosion Data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing.

10.4. Conditions to avoid

Conditions to avoid	Excessive heat.

10.5. Incompatible materials

Incompatible materials	Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous Decomposition Products	Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. Harmful by inhalation. (based on components).
Eye contact	Specific test data for the substance or mixture is not available. May cause irritation. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document	
ATEmix (oral)	5,974.10 mg/kg
ATEmix (dermal)	4,726.80 mg/kg
ATEmix (inhalation-dust/mist)	9.48 mg/l

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha (petroleum), hydrotreated heavy	> 6000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 8500 mg/m³ (Rat) 4 h
tert-Butyl acetate	= 4100 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 9482 mg/m³ (Rat) 4 h
1-chloro-4 (trifluoromethyl) benzene	= 13 g/kg (Rat)	> 3300 mg/kg (Rabbit)	= 33 mg/L (Rat) 4 h

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

Skin corrosion/irritation	Classification based on data available for ingredients. Causes skin irritation. May cause skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes serious eye irritation.
Respiratory or skin sensitisation	Not classified.
Germ cell mutagenicity	Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Chemical Name	European Union
Naphtha (petroleum), hydrotreated heavy	Muta. 1B

Carcinogenicity	Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	European Union
Naphtha (petroleum), hydrotreated heavy	Carc. 1B

Reproductive toxicity	Contains a known or suspected reproductive toxin. Classification based on data available for ingredients.
STOT - single exposure	May cause drowsiness or dizziness.
STOT - repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other Adverse Effects No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Naphtha (petroleum), hydrotreated heavy	-	LC50: =2200mg/L (96h, Pimephales promelas)	-	-
tert-Butyl acetate	-	LC50: 296 - 362mg/L (96h, Pimephales promelas)	EC50 = 11.1 mg/L 30 min EC50 = 6.38 mg/L 5 min EC50 = 8.04 mg/L 15 min	-
1-chloro-4 (trifluoromethyl) benzene	-	LC50: =3mg/L (96h, Danio rerio)	-	EC50: =3.68mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

Persistence/Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical Name	Partition Coefficient
tert-Butyl acetate	1.64
1-chloro-4 (trifluoromethyl) benzene	3.7

12.4. Mobility in soil

Mobility in Soil No information available.

Mobility

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical Name	Ergebnisse der PBT- und vPvB-Bewertung
Naphtha (petroleum), hydrotreated heavy	The substance is not PBT / vPvB
tert-Butyl acetate	The substance is not PBT / vPvB
1-chloro-4 (trifluoromethyl) benzene	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

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

National regulations

France

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number
Naphtha (petroleum), hydrotreated heavy 64742-48-9	RG 84
tert-Butyl acetate 540-88-5	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 contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Naphtha (petroleum), hydrotreated heavy - 64742-48-9	28. 29. 75.	-

Persistent Organic Pollutants

Not applicable

Named dangerous substances per Seveso Directive (2012/18/EU)

Chemical Name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Naphtha (petroleum), hydrotreated heavy - 64742-48-9	-	25000

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

Not applicable

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ ELINCS	PICCS	ENCS	IECSC	AIIC	KECL
Naphtha (petroleum), hydrotreated heavy 64742-48-9 (50-90)	X	X	X	X	-	X	X	X
Amino-functional Phenyl Methyl Silicone Resin 1242619-23-3 (10-30)	X	X	-	-	-	-	X	-
tert-Butyl acetate 540-88-5 (0.1-5)	X	X	X	X	X	X	X	X
1-chloro-4 (trifluoromethyl) benzene 98-56-6 (0.1-3)	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

Chemical Safety Report No information available

SECTION 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

EUH066 - Repeated exposure may cause skin dryness or cracking
H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Classification Procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications

Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

World Health Organization

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End of Safety Data Sheet