



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1733	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	LIKE NU	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Acoustical Ceiling Tile Restorer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:

Physical Hazards: Flammable aerosols: Category 1
Health Hazards: Serious eye damage/eye irritation: Category 2A
 Toxic to reproduction: Category 2
 Specific target organ toxicity, single exposure: Category 3 narcotic effects
 Specific target organ toxicity, repeated exposure: Category 2
Environmental Hazards: Acute hazards to the aquatic environment: Category 3

SIGNAL WORD:
DANGER

SYMBOL:



HAZARD STATEMENTS:

Extremely flammable aerosol. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid release to the environment.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. Call a POISON CENTER/doctor if you feel unwell.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

HAZARDS NOT OTHERWISE SPECIFIED:

None.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Butane	106-97-8	20 - <50%
2-Propanol	67-63-0	10 - <20%
Ethanol	64-17-5	10 - <20%
Talc (Mg3H2(SiO3)4)	14807-96-6	10 - <20%
2-Propanone	67-64-1	10 - <20%
Propane	74-98-6	5 - <10%
Titanium oxide (TiO2)	13463-67-7	5 - <10%
Benzene, methyl-	108-88-3	3 - <5%

*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments: The components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW:

GENERAL: If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SKIN: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

INHALATION:

Move to fresh air.

INGESTION:

Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

PERSONAL PROTECTION FOR FIRST-AID RESPONDERS:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**Symptoms:** No data available.**Hazards:** No data available.**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:****Treatment:** Get medical attention if symptoms occur.**5. Fire Fighting Measures****GENERAL FIRE HAZARDS:**

Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

SUITABLE FIRE EXTINGUISHING MEDIA:

Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use water jet as an extinguisher, as this will spread the fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Vapors may travel considerable distance to a source of ignition and flash back.

SPECIFIC FIRE-FIGHTING METHODS:

No data available.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA.

6. Accidental Release Measures**PERSONAL PRECAUTIONS:**

Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

ACCIDENTAL RELEASE MEASURES:

Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

MATERIALS AND METHODS FOR CLEANUP:

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

7. Handling and Storage**TECHNICAL MEASURES (E.G. LOCAL AND GENERAL VENTILATION):**

No data available.

SAFE HANDLING:

Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required.

CONTACT AVOIDANCE MEASURES:

No data available.

SAFE STORAGE AND INCOMPATIBILITIES:

Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 2

SAFE PACKAGING MATERIALS:

No data available.

STORAGE TEMPERATURE:

No data available.

8. Exposure Controls / Personal Protection**CONTROL PARAMETERS****Occupational exposure limits**

Chemical Identity:	Type	Exposure Limit Values		Source
Butane	REL	800 ppm	1,900 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	1,000 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	800 ppm	1,900 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Ethanol	REL	1,000 ppm	1,900 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm	1,900 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,900 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
2-Propanol	STEL	1,000 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	500 ppm	1,225 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	400 ppm	980 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	400 ppm	980 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	400 ppm	980 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	400 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	500 ppm	1,225 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA		2 mg/m ³	US. ACGIH Threshold Limit Values, as amended
Talc (Mg ₃ H ₂ (SiO ₃) ₄) - Respirable.	REL		2 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Talc (Mg ₃ H ₂ (SiO ₃) ₄) - Respirable dust.	TWA		2 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	TWA		20 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Talc (Mg ₃ H ₂ (SiO ₃) ₄) - Respirable.	TWA		2.4 millions of particles	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended

		per cubic foot of air		
	TWA		0.1 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
2-Propanone	STEL	1,000 ppm	2,400 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	1,000 ppm	2,400 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	750 ppm	1,800 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	250 ppm	590 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Propane	REL	1,000 ppm	1,800 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm	1,800 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,800 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Titanium oxide (TiO ₂)	TWA		10 mg/m ³	US. ACGIH Threshold Limit Values, as amended
Titanium oxide (TiO ₂) - Total dust.	PEL		15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		10 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Titanium oxide (TiO ₂) - Respirable fraction.	TWA		5 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Titanium oxide (TiO ₂) - Total dust.	TWA		15 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Benzene, methyl-	STEL	150 ppm	560 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	100 ppm	375 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	100 ppm	375 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	300 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	200 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	MAX. CONC	500 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL	150 ppm	560 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Silica	TWA		6 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA		20 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		0.8 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	REL		6 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Aluminum hydroxide (Al(OH) ₃) - Respirable fraction.	TWA		1 mg/m ³	US. ACGIH Threshold Limit Values, as amended
	TWA		5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Aluminum hydroxide (Al(OH) ₃) - Total dust.	TWA		50 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Aluminum hydroxide (Al(OH) ₃) - Respirable fraction.	TWA		5 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Aluminum hydroxide (Al(OH) ₃) - Total dust.	TWA		15 mg/m ³	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Aluminum hydroxide (Al(OH) ₃) - Respirable fraction.	TWA		15 millions of particles per cubic foot of air	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Aluminum hydroxide (Al(OH) ₃) - Total dust.	TWA		15 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
2-Propanol, 2-methyl-	STEL	150 ppm	450 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	100 ppm	300 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	100 ppm	300 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	100 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	150 ppm	450 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	REL	100 ppm	300 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Carbonic acid, magnesium salt (1:1) - Total	REL		10 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Carbonic acid, magnesium salt (1:1) - Respirable fraction.	TWA		5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Carbonic acid, magnesium salt (1:1) - Respirable.	REL		5 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Carbonic acid, magnesium salt (1:1) - Total dust.	PEL		15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		15 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Carbonic acid, magnesium salt (1:1) - Respirable fraction.	PEL		5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Zirconium oxide (ZrO ₂) - as Zr	STEL		10 mg/m ³	US. ACGIH Threshold Limit Values, as amended
	TWA		5 mg/m ³	US. ACGIH Threshold Limit Values, as amended
	REL		5 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL		10 mg/m ³	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL		5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL		10 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA		5 mg/m ³	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Proprietary	TWA	20 ppm		US. ACGIH Threshold Limit Values, as amended
Benzene	REL	0.1 ppm		US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	1 ppm		US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	Ceiling	25 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	TWA	0.5 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	2.5 ppm		US. ACGIH Threshold Limit Values, as amended

	STEL	5 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
	OSHA_ACT	0.5 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
	TWA	10 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	MAX. CONC	50 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000), as amended
	STEL	5 ppm	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	1 ppm	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
	STEL	1 ppm	US. NIOSH: Pocket Guide to Chemical Hazards, as amended

BIOLOGICAL LIMIT VALUES:

Chemical Identity	Exposure Limit Values	Source
2-Propanol (acetone: Sampling time: End of shift at end of work week.)	40 mg/l (Urine)	ACGIH BEL
2-Propanone (acetone: Sampling time: End of shift.)	25 mg/l (Urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: End of shift.)	0.03 mg/l (Urine)	ACGIH BEL
Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)	0.3 mg/g (Creatinine in urine)	ACGIH BEL
Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)	0.02 mg/l (Blood)	ACGIH BEL
Benzene (S-Phenylmercapturic acid: Sampling time: End of shift.)	25 µg/g (Creatinine in urine)	ACGIH BEL
Benzene (t,t-Muconic acid: Sampling time: End of shift.)	500 µg/g (Creatinine in urine)	ACGIH BEL

EXPOSURE GUIDELINES:

Benzene	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
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APPROPRIATE ENGINEERING CONTROLS:

No data available.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:



Eye Protection: Wear safety glasses with side shields (or goggles).

Skin Protection: No data available.

Hand Protection: No data available.

Skin and Body Protection: No data available.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

General Hygiene Considerations: Avoid contact with eyes. Observe good industrial hygiene practices. When using do not smoke. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

9. Physical & Chemical Properties

Physical State:	Liquid.	Flammability (solid/gas):	No data available.
Form:	Spray aerosol.	Explosive Limit – lower (%):	No data available.
Color:	No data available.	Explosive Limit – upper (%):	No data available.
Odor:	No data available.	Vapor Pressure:	3,102 - 4,481 hPa (20°C)
Odor Threshold:	No data available.	Vapor Density (air=1):	No data available.
pH:	No data available.	Density:	No data available.
Freezing Point:	No data available.	Relative Density:	No data available.
Boiling Point:	No data available.	Solubility (water):	No data available.
Partition Coeff (n-octanol/water):	No data available.	Solubility (other):	No data available.
Flash Point:	-104.44°C	Self-Ignition Temperature:	No data available.
Explosive Properties:	No data available.	Decomposition Temperature:	No data available.
Kinematic Viscosity:	No data available.	Evaporation Rate:	No data available.
Dynamic Viscosity:	No data available.	Oxidizing Properties:	No data available.

10. Stability & Reactivity Information

REACTIVITY:

No data available.

CHEMICAL STABILITY:

Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No data available.

INCOMPATIBLE MATERIALS:

No data available.

CONDITIONS TO AVOID:

Avoid heat or contamination.

HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eyes: No data available.

Skin: No data available.

Inhalation: No data available.

Ingestion: No data available.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**Eyes:** No data available.**Skin:** No data available.**Inhalation:** No data available.**Ingestion:** No data available.**INFORMATION ON TOXICOLOGICAL EFFECTS:****ACUTE TOXICITY:****Oral Product:** Not classified for acute toxicity based on available data.**Dermal Product:** Not classified for acute toxicity based on available data.**Inhalation Product:** Not classified for acute toxicity based on available data.**REPEATED DOSE TOXICITY:****Product:** No data available.**Components:**

Butane	LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
2-Propanol	NOAEL (Rat, Inhalation, >= 104 Weeks): 5,000 ppm(m) Inhalation Experimental result, Key study
Ethanol	NOAEL (Rat(Male), Oral, 7 - 14 Weeks): 10 %(m) Oral Experimental result, Key study
2-Propanone	NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental result, Key study
Propane	NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study
Titanium oxide (TiO2)	NOAEL (Rat(Female, Male), Inhalation): 50 mg/m3 Inhalation Experimental result, Key study NOAEL (Rat(Male), Oral, 29 d): 24,000 mg/kg Oral Experimental result, Key study
Benzene, methyl-	LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg (Target Organ(s): Liver, Kidney) Oral Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation): 625 ppm(m) Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation - vapor): 2,355 mg/l Inhalation Experimental result, Key study

SKIN CORROSION/IRRITATION:**Product:** No data available.**Components:**

2-Propanol	in vivo (Rabbit): Not Classified
Ethanol	in vivo (Rabbit): Not irritant
2-Propanone	in vivo (Rabbit): Not irritant
Titanium oxide (TiO2)	in vivo (Rabbit): Not irritant
Benzene, methyl-	in vivo (Rabbit): Irritating

SERIOUS EYE DAMAGE/EYE IRRITATION:**Product:** No data available.**Components:**

2-Propanol	Rabbit, 1 d: Category 2: Causes serious eye irritation Irritating.
Ethanol	Rabbit, 24 hrs: Not irritating
2-Propanone	Irritating. Rabbit, 24 hrs: Minimum grade of severe eye irritant
Titanium oxide (TiO2)	Rabbit, 24 - 72 hrs: Not irritating
Benzene, methyl-	Rabbit, 24 - 72 hrs: Not irritating

RESPIRATORY OR SKIN SENSITIZATION:**Product:** No data available.**Components:**

2-Propanol	Skin sensitization., in vivo (Guinea pig): Non sensitising
Ethanol	Skin sensitization., in vivo (Guinea pig): Non sensitising
2-Propanone	Skin sensitization., in vivo (Guinea pig): Non sensitising
Titanium oxide (TiO2)	Skin sensitization., in vivo/in vitro (Guinea pig): Non sensitising
Benzene, methyl-	Skin sensitization., in vivo (Guinea pig): Non sensitising

CARCINOGENICITY:**Product:** No data available.**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Talc Overall evaluation: 3. Not classifiable as to carcinogenicity to humans.
(Mg3H2(SiO3)4) Overall evaluation: 2B. Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:

Talc Overall evaluation: 3. Not classifiable as to carcinogenicity to humans.
(Mg3H2(SiO3)4) Overall evaluation: 2B. Possibly carcinogenic to humans.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified.

GERM CELL MUTAGENICITY:**In vitro Product:** No data available.**In vivo Product:** No data available.**REPRODUCTIVE TOXICITY:****Product:** No data available.**Components:**

Benzene, methyl- Suspected of damaging fertility or the unborn child.

SPECIFIC TARGET ORGAN TOXICITY -single exposure:**Product:** Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.**SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:****Product:** Category 2**Target Organs:** Specific Target Organ Toxicity - Single Exposure: Narcotic effect.**ASPIRATION HAZARD****Product:** No data available.**Components:**

Benzene, methyl- May be fatal if swallowed and enters airways.

OTHER EFFECTS:

No data available.

12. Ecological Information**ECOTOXICITY:****ACUTE HAZARDS TO THE AQUATIC ENVIRONMENT:****FISH****Product:** No data available.**Components:**

Butane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
2-Propanol	LC 50 (Pimephales promelas, 96 h): 9,640 mg/l Experimental result, Key study
Ethanol	LC 50 (Pimephales promelas, 96 h): 15.3 g/l Experimental result, Key study
2-Propanone	LC 50 (Oncorhynchus mykiss, 96 h): 5,540 mg/l Experimental result, Key study
Propane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
Titanium oxide (TiO ₂)	LC 50 (Oncorhynchus mykiss, 96 h): > 100 mg/l Experimental result, Weight of Evidence study
Benzene, methyl-	LC 50 (Oncorhynchus kisutch, 96 h): 5.5 mg/l Experimental result, Key study

AQUATIC INVERTEBRATES:**Product:** No data available.**Components:**

Butane	LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study
2-Propanol	LC 50 (Daphnia magna, 24 h): > 10,000 mg/l Experimental result, Key study
Ethanol	LC 50 (Ceriodaphnia dubia, 48 h): 5,012 mg/l Experimental result, Key study
2-Propanone	LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study
Titanium oxide (TiO ₂)	LC 50 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Weight of Evidence study
Benzene, methyl-	LC 50 (Water flea (Daphnia magna), 48 h): 54.6 - 174.7 mg/l Mortality LC 50 (Ceriodaphnia dubia, 2 d): 3.78 mg/l Experimental result, Key study

CHRONIC HAZARDS TO THE AQUATIC ENVIRONMENT:**FISH****Product:** No data available.**Components:**

Ethanol	NOAEL (Oryzias latipes): 7,900 mg/l Read-across from supporting substance (structural analogue or surrogate), Supporting study
Benzene, methyl-	NOAEL (Oncorhynchus kisutch): 1.39 mg/l Experimental result, Key study LOAEL (Oncorhynchus kisutch): 2.77 mg/l Experimental result, Key study

AQUATIC INVERTEBRATES:**Product:** No data available.**Components:**

Ethanol	LC 50 (Daphnia magna): 454 mg/l Experimental result, Key study NOAEL (Daphnia magna): 9.6 mg/l Experimental result, Key study
2-Propanone	LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study
Titanium oxide (TiO ₂)	NOAEL (Daphnia magna): 100 mg/l Experimental result, Supporting study
Benzene, methyl-	LOAEL (Ceriodaphnia dubia): 2.76 mg/l Experimental result, Key study NOAEL (Ceriodaphnia dubia): 0.74 mg/l Experimental result, Key study

TOXICITY TO AQUATIC PLANTS:**Product:** No data available.**PERSISTENCE AND DEGRADABILITY:****Biodegradation Product:** No data available.**Components:**

Butane	100% (385.5 h) Detected in water. Experimental result, Key study
2-Propanol	53% (5 d) Detected in water. Experimental result, Key study
Ethanol	95% Detected in water. Experimental result, Key study
2-Propanone	90.9% (28 d) Detected in water. Experimental result, Key study
Propane	100% (385.5 h) Detected in water. Experimental result, Key study
Benzene, methyl-	50% (3.19 d) Detected in water. QSAR, Weight of Evidence study 100% (14 d) Detected in water. Experimental result, Weight of Evidence study 86% Detected in water. Experimental result, Weight of Evidence study

BOD/COD RATIO:**Product:** No data available.**BIOACCUMULATIVE POTENTIAL:****Biodegradation Product:** No data available.

Components:

Ethanol	Cyprinus carpio, Bioconcentration Factor (BCF): 4.5 Aquatic sediment Read-across from supporting substance (structural analogue or surrogate), Supporting study
2-Propanone	Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment Experimental result, Not specified
Titanium oxide (TiO2)	Oncorhynchus mykiss, Bioconcentration Factor (BCF): 34 - 352 Aquatic sediment Experimental result, Key study
Benzene, methyl-	Leuciscus idus, Bioconcentration Factor (BCF): 90 Aquatic sediment Experimental result, Key study

PARTITION COEFFICIENT N-OCTANOL / WATER (LOG KOW):

Product: No data available.

MOBILITY IN SOIL: No data available.

Components:

Butane	No data available.
2-Propanol	No data available.
Ethanol	No data available.
Talc (Mg3H2(SiO3)4)	No data available.
2-Propanone	No data available.
Propane	No data available.
Titanium oxide (TiO2)	No data available.
Benzene, methyl-	No data available.

OTHER ADVERSE EFFECTS:

Harmful to aquatic organisms.

13. Disposal Consideration**DISPOSAL INSTRUCTIONS:**

Discharge, treatment, or disposal may be subject to national, state or local laws.

CONTAMINATED PACKAGING:

No data available.

14. Transportation Information

DOT: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es)
 Class: 2.1
 Subsidiary Risk: -
 Label(s): -



Packing Group: II
Special Precautions for User: Not regulated.

IATA: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es)
 Class: 2.1
 Subsidiary Risk: -
 Label(s): 2.1



Packing Group: -
Special Precautions for User: Not regulated.

Other Information:
Passenger and Cargo Aircraft: Allowed. 203
Cargo Aircraft Only: Allowed. 203

IMDG: UN Number: UN1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es)
 Class: 2
 Label(s): 2.1



EmS No.:
Packing Group: -
Special Precautions for User: Not regulated.

15. Regulatory Information**US FEDERAL REGULATIONS:**

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

Chemical Identity

Benzene

OSHA hazard(s)

Flammability
 Cancer
 Aspiration
 Eye
 Blood
 Skin
 Respiratory Tract Irritation
 Central Nervous System

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY
RCRA HAZARDOUS WASTE NO. D001
ACETONE
BENZENE, METHYL-
BENZENE

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA):

Hazard Categories: Flammable aerosol, Serious Eye Damage/Eye Irritation, Toxic to reproduction, Specific Target Organ Toxicity - Single Exposure, Specific Target Organ Toxicity - Repeated Exposure

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

<u>Chemical Name</u>	<u>% by Weight</u>
2-Propanol	1.0%
Benzene, methyl-	1.0%

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3):

US STATE REGULATIONS:

US. California Proposition 65: For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act:

Chemical Identity

Butane
Ethanol
2-Propanol
Talc (Mg₃H₂(SiO₃)₄)
2-Propanone
Propane
Titanium oxide (TiO₂)
Benzene, methyl-

US. Massachusetts RTK - Substance List:

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Butane
Ethanol
2-Propanol
Talc (Mg₃H₂(SiO₃)₄)
2-Propanone
Propane
Titanium oxide (TiO₂)
Benzene, methyl-

US. Rhode Island RTK:

No ingredient regulated by RI Right-to-Know Law present.

INTERNATIONAL REGULATIONS:

Montreal Protocol:

2-Propanone

Stockholm Convention:

2-Propanone

Rotterdam Convention:

2-Propanone

Kyoto Protocol:

INVENTORY STATUS:

Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EINECS, ELINCS or NLP:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.
Mexico INSQ:	Not in compliance with the inventory.
Ontario Inventory:	Not in compliance with the inventory.
Taiwan Chemical Substance Inventory:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee

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