

SAFETY DATA SHEET

1. Identification

Product identifier	S & C HIGH GLOSS GRAY TR	89999-080	
Other means of identification			
Product Code	64095 671426 604		
Recommended use	Not available.		
Manufacturer/Importer/Supplier	/Distributor information		
Manufacturer			
Company name Address	Quest Industrial Products, LLC N92 W14701 Anthony Avenue Menomonee Falls, WI 53051 United States		
Telephone Website E-mail	Phone quest-ip.com info@quest-ip.com	(262) 255-9500	
Emergency phone number	Chemtrec Phone	800-424-9300	

2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Carcinogenicity	Category 2
	Reproductive toxicity (the unborn child)	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	

Label elements



Danger

Signal word Hazard statement

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement Prevention

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

Response	If on skin: Wash with plenty of water. 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 exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	52.61% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 52.61% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ACETONE		67-64-1	30 to <40
PROPANE		74-98-6	10 to <20
METHYL ETHYL KETONE		78-93-3	5 to <10
N-BUTANE		106-97-8	5 to <10
PROPYLENE GLYCOL METHYL ETHER ACETATE		108-65-6	5 to <10
TOLUENE		108-88-3	5 to <10
TITANIUM DIOXIDE		13463-67-7	1 to <5
ETHYLBENZENE		100-41-4	0.1 to <1
Other components below reportable leve	els		10 to <20

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	No adverse effects due to skin contact are expected. Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. No specific first aid measures noted.
Ingestion	Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	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.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing	Do not use water jet as an extinguisher, as this will spread the fire.
media	

Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage,	Level 2 Aerosol.
including any incompatibilities	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)				
Components	Туре	Value	Form	
ACETONE (CAS 67-64-1)	PEL	2400 mg/m3		
		1000 ppm		
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m3		

METHYL ETHYL KETONE (CAS 78-93-3) PROPANE (CAS 74-98-6) TITANIUM DIOXIDE (CAS 13463-67-7) US. OSHA Table Z-2 (29 CFR 1910.1000) Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components ACETONE (CAS 67-64-1)	PEL PEL PEL Type Ceiling TWA	100 ppm 590 mg/m3 200 ppm 1800 mg/m3 1000 ppm 15 mg/m3 Value	Total dust.
(CAS 78-93-3) PROPANE (CAS 74-98-6) TITANIUM DIOXIDE (CAS 13463-67-7) US. OSHA Table Z-2 (29 CFR 1910.1000) Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	PEL PEL Type Ceiling	590 mg/m3 200 ppm 1800 mg/m3 1000 ppm 15 mg/m3	Total dust.
PROPANE (CAS 74-98-6) TITANIUM DIOXIDE (CAS 13463-67-7) US. OSHA Table Z-2 (29 CFR 1910.1000) Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	PEL Type Ceiling	1800 mg/m3 1000 ppm 15 mg/m3	Total dust.
TITANIUM DIOXIDE (CAS 13463-67-7) US. OSHA Table Z-2 (29 CFR 1910.1000) Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	PEL Type Ceiling	1000 ppm 15 mg/m3	Total dust.
13463-67-7) US. OSHA Table Z-2 (29 CFR 1910.1000) Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	Type Ceiling	15 mg/m3	Total dust.
13463-67-7) US. OSHA Table Z-2 (29 CFR 1910.1000) Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	Type Ceiling	Ŭ	Total dust.
Components TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	Type Ceiling	Value	
TOLUENE (CAS 108-88-3) US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	Ceiling	Value	
US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components			
US. ACGIH Threshold Limit Values Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components		300 ppm	
Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components		200 ppm	
Components ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components			
ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	Туре	Value	
ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	-		
100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	STEL	750 ppm	
100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	TWA	500 ppm	
METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	TWA	20 ppm	
N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	STEL	300 ppm	
TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	TWA	200 ppm	
TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	STEL	1000 ppm	
13463-67-7) TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	TWA	10 mg/m3	
TOLUENE (CAS 108-88-3) US. NIOSH: Pocket Guide to Chemical H Components	IWA	TO HIG/HIS	
US. NIOSH: Pocket Guide to Chemical H Components	TWA	20 ppm	
Components			
ACETONE (CAS 67-64-1)	Туре	Value	
	TWA	590 mg/m3	
		250 ppm	
ETHYLBENZENE (CAS	STEL	545 mg/m3	
100-41-4)		125 ppm	
	TWA		
		435 mg/m3	
METHYL ETHYL KETONE	STEL	100 ppm 885 mg/m3	
(CAS 78-93-3)	JILL	000 mg/mo	
		300 ppm	
	TWA	590 mg/m3	
		200 ppm	
N-BUTANE (CAS 106-97-8)	TWA	1900 mg/m3	
· /		800 ppm	
PROPANE (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	
TOLUENE (CAS 108-88-3)		560 mg/m3	
	STEL	-	
	STEL	150 ppm	
	STEL TWA	150 ppm 375 mg/m3	
US. Workplace Environmental Exposure			
Components	TWA	375 mg/m3	
PROPYLENE GLYCOL	TWA	375 mg/m3	

Biological limit values

ACGIH Biological Exposu Components	Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
METHYL ETHYL KETONE (CAS 78-93-3)	2 mg/l	MEK	Urine	*
TOLUENE (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
* - For sampling details, plea	ase see the source d	ocument.		
posure guidelines				
US - California OELs: Skir	designation			
PROPYLENE GLYCOL (CAS 108-65-6)		CETATE Can be	e absorbed throug	gh the skin.
TOLUENE (CAS 108-8 US - Minnesota Haz Subs:			e absorbed throug	gh the skin.
TOLUENE (CAS 108-8	8-3)	Skin de	esignation applies	S.
opropriate engineering ontrols	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. It exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.			
dividual protection measure	s, such as personal	I protective equipme	nt	
Eye/face protection	Wear safety glas	ses with side shields	(or goggles).	
Skin protection				
Hand protection	Wear appropriate supplier.	e chemical resistant g	oves. Suitable gl	oves can be recommended by the glove
Other	Wear appropriate	e chemical resistant cl	othing.	
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.			
Thermal hazards	Wear appropriate	e thermal protective cl	othing, when nec	essary.
eneral hygiene onsiderations	When using do n	ot smoke. Always obs	serve good perso	nal hygiene measures, such as washin and/or smoking. Routinely wash work

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Aerosol. Liquefied gas.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-305.68 °F (-187.6 °C) estimated
Initial boiling point and boiling range	-43.78 °F (-42.1 °C) estimated
Flash point	-156.0 °F (-104.4 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Upper/lower flammability or explosive limits				
Flammability limit - lower (%)	1.3 % estimated			
Flammability limit - upper (%)	12.8 % estimated			
Explosive limit - lower (%)	Not available.			
Explosive limit - upper (%)	Not available.			
Vapor pressure	2261.71 hPa estimated			
Vapor density	Not available.			
Relative density	Not available.			
Solubility(ies)				
Solubility (water)	Not available.			
Partition coefficient (n-octanol/water)	Not available.			
Auto-ignition temperature	550 °F (287.78 °C) estimated			
Decomposition temperature	Not available.			
Viscosity	Not available.			
Other information				
Density	6.43 lbs/gal			
Flammability class	Flammable IA estimated			
Heat of combustion (NFPA 30B)	27.92 kJ/g estimated			
Percent volatile	84.31			
Specific gravity	0.77			
VOC	4.7759296 lbs/gal Regulatory 3.0628038 lbs/gal Material 367.004836 g/l Material 572.28258 g/l Regulatory			

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Nitrates. Ammonia. Amines. Isocyanates. Fluorine. Caustics. Chlorine.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Information on toxicological eff	fects

Acute toxicity

Narcotic effects.

Components	Species	Test Results
ACETONE (CAS 67-64-1)		
<u>Acute</u>		
Dermal		45000
LD50	Rabbit	> 15800 mg/kg
Inhalation		70
LC50	Rat	76 mg/l, 4 Hours
Oral	Maria	
LD50	Mouse	3000 mg/kg
	Rat	5800 mg/kg
THYLBENZENE (CAS 100-4	1-4)	
Acute		
Dermal	D-663	
LD50	Rabbit	17800 mg/kg
Oral		0500 //
LD50	Rat	3500 mg/kg
IETHYL ETHYL KETONE (CA	AS 78-93-3)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 8000 mg/kg
Inhalation	Maura	11000 ppp 45 Minutes
LC50	Mouse	11000 ppm, 45 Minutes
	Rat	11700 ppm, 4 Hours
Oral		
LD50	Mouse	670 mg/kg
	Rat	2300 - 3500 mg/kg
N-BUTANE (CAS 106-97-8)		
Acute		
Inhalation		222 / A L
LC50	Mouse	680 mg/l, 2 Hours
	Rat	658 mg/l, 4 Hours
PROPANE (CAS 74-98-6)		
<u>Acute</u>		
Inhalation		
LC50	Rat	> 1442.847 mg/l, 15 Minutes
TOLUENE (CAS 108-88-3)		
<u>Acute</u>		
Dermal	D-663	
LD50	Rabbit	12124 mg/kg
		14.1 ml/kg
Inhalation		
LC50	Mouse	5320 ppm, 8 Hours
		400 ppm, 24 Hours
	Rat	26700 ppm, 1 Hours
		12200 ppm, 2 Hours
		8000 ppm, 4 Hours
Oral		
LD50	Rat	2.6 g/kg

* Estimates for product may be based on additional co Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation	Causes serious eye irritation.		
Respiratory or skin sensitizatior	1		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	This product is not expected to	o cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate p mutagenic or genotoxic.	product or any components present at greater than 0.1% are	
Carcinogenicity	Suspected of causing cancer.		
IARC Monographs. Overall I	Evaluation of Carcinogenicity		
TOLUENE (CAS 108-88-	IOXIDE (CAS 13463-67-7) 2B Possibly carcinogenic to humans.		
Reproductive toxicity	Suspected of damaging the unborn child.		
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.		
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	Not an aspiration hazard.		
Chronic effects	May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.		

12. Ecological information

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Components		Species	Test Results	
ACETONE (CAS 67-64-1))			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours	
Fish	Fish LC50 Rainbow trout,donaldson tr (Oncorhynchus mykiss)		trout 4740 - 6330 mg/l, 96 hours	
ETHYLBENZENE (CAS 1	00-41-4)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours	
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours	
METHYL ETHYL KETON	E (CAS 78-93-3)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	4025 - 6440 mg/l, 48 hours	
Fish	LC50	Sheepshead minnow (Cyprinodon variegatus)	> 400 mg/l, 96 hours	
TITANIUM DIOXIDE (CAS	6 13463-67-7)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours	
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours	
TOLUENE (CAS 108-88-3	3)			
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours	
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours	

* Estimates for product may be based on additional component data not shown.

Persistence and degradabilityNo data is available on the degradability of this product.Bioaccumulative potential

Partition coefficient n-octa	inol / water (log Kow)
ACETONE	-0.24
ETHYLBENZENE	3.15
METHYL ETHYL KETONE	0.29
N-BUTANE	2.89
PROPANE	2.36
TOLUENE	2.73
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, 2.1
Transport hazard class(es)	
Class	Not available.
Subsidiary risk	-
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, 2.1
Transport hazard class(es)	
Class	Not available.
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Forbidden.
Cargo aircraft only	Forbidden.
IMDG	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, 2.1
Transport hazard class(es)	
Class	Not available.
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

15. Regulatory informatio	n			
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.			
TSCA Section 12(b) Export	Notification (40 CFR 707,	Subpt. D)		
Not regulated. CERCLA Hazardous Substa	nce List (40 CFR 302.4)			
ACETONE (CAS 67-64-1 ETHYLBENZENE (CAS METHYL ETHYL KETON N-BUTANE (CAS 106-97 PROPANE (CAS 74-98-6 TOLUENE (CAS 108-88-	100-41-4) IE (CAS 78-93-3) 2-8) 8)	Listed. Listed. Listed. Listed. Listed. Listed.		
SARA 304 Emergency relea	se notification			
Not regulated. OSHA Specifically Regulate Not listed.	d Substances (29 CFR 19	10.1001-1050)		
Superfund Amendments and Re Hazard categories	authorization Act of 1986 Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No	(SARA)		
SARA 302 Extremely hazar	-			
Not listed.				
SARA 311/312 Hazardous	No			
chemical				
SARA 313 (TRI reporting)				
Chemical name		CAS number	% by wt.	
TOLUENE		108-88-3	5 to <10	
ETHYLBENZENE		100-41-4	0.1 to <1	
Other federal regulations				
Clean Air Act (CAA) Sectior	112 Hazardous Air Pollut	ants (HAPs) List		
ETHYLBENZENE (CAS TOLUENE (CAS 108-88-	3)	D		
Clean Air Act (CAA) Section		e Prevention (40 CFR	68.130)	
N-BUTANE (CAS 106-97 PROPANE (CAS 74-98-6	6)			
Safe Drinking Water Act (SDWA)	Not regulated.			
Drug Enforcement Adm Chemical Code Numbe		Essential Chemicals (2	1 CFR 1310.02(b) and 1310.04(f)(2)	and
TOLUENE (CAS 108	TONÉ (CAS 78-93-3) 3-88-3)	6532 6714 6594		
-		-	lixtures (21 CFR 1310.12(c))	
ACETONE (CAS 67 METHYL ETHYL KE TOLUENE (CAS 108	TONE (CAS 78-93-3)	35 %WV 35 %WV 35 %WV		
DEA Exempt Chemical	Mixtures Code Number			
ACETONE (CAS 67 METHYL ETHYL KE TOLLIENE (CAS 10)	TONE (CAS 78-93-3)	6532 6714 594		

594

TOLUENE (CAS 108-88-3)

US state regulations

- US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100) Not listed.
- US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.
- (a))

ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3)

US. Massachusetts RTK - Substance List

ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3)

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

ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3)

US. Pennsylvania Worker and Community Right-to-Know Law

ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TITANIUM DIOXIDE (CAS 13463-67-7) TOLUENE (CAS 108-88-3)

US. Rhode Island RTK

ACETONE (CAS 67-64-1) ETHYLBENZENE (CAS 100-41-4) METHYL ETHYL KETONE (CAS 78-93-3) N-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) TOLUENE (CAS 108-88-3)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

4-Methyl-2-pentanone (CAS 108-10-1)	Listed: November 4, 2011		
CARBON BLACK (CAS 1333-86-4)	Listed: February 21, 2003		
ETHYL ALCOHOL (CAS 64-17-5)	Listed: April 29, 2011		
	Listed: July 1, 1988		
ETHYLBENZENE (CAS 100-41-4)	Listed: June 11, 2004		
TITANIUM DIOXIDE (CAS 13463-67-7)	Listed: September 2, 2011		
US - California Proposition 65 - CRT: Listed date/Developmental toxin			
4-Methyl-2-pentanone (CAS 108-10-1)	Listed: March 28, 2014		
ETHYL ALCOHOL (CAS 64-17-5)	Listed: October 1, 1987		
METHANOL (CAS 67-56-1)	Listed: March 16, 2012		
TOLUENE (CAS 108-88-3)	Listed: January 1, 1991		
US - California Proposition 65 - CRT: Listed date/Female reproductive toxin			
TOLUENE (CAS 108-88-3)	Listed: August 7, 2009		

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	04-22-2015
Version #	01
HMIS® ratings	Health: 2* Flammability: 4 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 4 Instability: 0
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