

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 or attention.
Ingestion	Do NOT induce vomiting unless directed by medical authority. Seek immediate medical attention.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea.
Chronic health hazards	May be toxic to kidneys and liver.
Note to physician	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam or Carbon Dioxide (CO ₂).
Unsuitable extinguishing media	Water spray/stream.
Special firefighting procedures	Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.
Unusual fire and explosion hazards	Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous combustion products	Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Remove any source of ignition. Ventilate the area. Use non-sparking tools and equipment. Dike around spilled material. Use absorbent on spill sweep to clean. Small releases may be wiped up with wiping material. Dispose in accordance with local, state and federal laws.
Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste likely considered D001 (Ignitable waste) under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.
Other precautions	Keep out of the reach of children. Follow label directions exactly. Vapors may collect in low lying areas.
Incompatibility	Some plastics and painted surfaces, pre-test before using.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-Propanone	1000 ppm	500 ppm
Dipropylmethane	400 ppm	400 ppm
T-butyl acetate	200 ppm	200 ppm
Carbon Dioxide	5000 ppm	5000 ppm
Engineering controls/Ventilation	Use only outdoors or in a well-ventilated area.	

Respiratory protection	Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.
Personal protective equipment	Safety glasses and chemical resistant gloves.
Additional Measures	Wash hands thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear spray.	
Odor	Acetate odor.	
Odor threshold	N/D	
Boiling point	N/D	
Freezing Point	N/D	
Flammability	Extremely Flammable Aerosol	
Flash point	N/D	
Auto-ignition temperature	N/D	
Upper/lower flammability limits	Lower: N/D	Upper: N/D
Vapor Pressure (mmHg)	N/D	
Vapor density (Air = 1)	>2	
Evaporation Rate	>1	
Specific Gravity (H2O=1)	0.81	
pH	N/A	
Solids (%)	N/D	
Solubility in Water	0%	
Partition Coefficient:n-Octanol/water (K _{ow})	N/D	
Volatility including water (%)	83%	
VOC	9%	
Dielectric Strength (Volts)	N/D	
Decomposition Temperature	N/D	
Viscosity	N/D	

SECTION 10: STABILITY AND REACTIVITY

Reactivity	If exposed to strong oxidizers, presents explosion hazard.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) and sources of ignition.
Incompatibility	Some plastics and painted surfaces, pre-test before using.
Hazardous decomposition products	Oxides of carbon.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	2-Propanone (67-64-1) LD ₅₀ (Oral, Rat) 5800 mg/kg; LD ₅₀ (Oral, Mouse) 3000 mg/kg; LD ₅₀ (Oral, Rabbit) 5340 mg/kg; LC ₅₀ (Inhalation, Rat, 8hr) 50100 mg/m ³ ; LC ₅₀ (Inhalation, Mouse, 4hr) 44,000 mg/m ³
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.

Ingestion	Causes gastrointestinal irritation, nausea, diarrhea, absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from light headedness to unconsciousness.
Inhalation	Dizziness, headache, nausea, depression of central nervous system. Prolonged exposure may lead to unconsciousness.
Skin contact	Brief contact is not irritating. May cause irritation, localized defatting, redness, itching with prolonged or repeated contact. Can be absorbed through the skin with prolonged and widespread contact.
Eye contact	Causes irritation, defatting.
Medical condition aggravated	Excessive exposure will aggravate pre-existing skin disorders, respiratory, liver, kidney, cardiovascular or pulmonary illnesses.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: Anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, and diarrhea.
Chronic health hazards	May be toxic to kidneys and liver.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	2-Propanone (67-64-1) LC ₅₀ (Trout, 96 hr) 5540 mg/L; LC ₅₀ (Bluegill, 96hr) 8300 mg/L; LC ₅₀ (Fathead Minnow, 96hr) 7500 mg/L
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulation	Components in this mixture can bioaccumulate in aquatic organisms.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT

UN number	Aerosols, Ltd. Qty
UN proper shipping name	1950
Transport hazard class(es)	2.1
Packing group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): 2-Propanone (67-64-1) Reportable Quantity = 5,000 lbs

SARA 311/312 Hazardous categories: 2-Propanone (67-64-1) Acute Health, fire, Pressure.

SARA 313 reportable ingredients: None.

US state regulations: 2-Propanone (67-64-1) Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, Illinois chemical safety act, New York release reporting list, **RTK** -RI, PA, FL, MN, MA, NJ: Massachusetts spill list, New Jersey spill list, Louisiana spill reporting, California List of Hazardous Substances (8 CCR 339); 2-Propanone TSCA 8 (b) inventory 2-Propanone TSCA 4 (a) final test rules: 2-Propanone TSCA 8(a) IUR: 2-Propanone.

International regulations: 2-Propanone (67-64-1) Australia, China, Europe (EINECS), Japan, Korea, United Kingdom, Canada, WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). p. 6; DSCL (EEC): R11-Highly flammable. R36-Irritating to eyes. S9-Keep container in a well-ventilated place. S16-Keep away from ignition sources. S26-In case of eye contact, rinse immediately with plenty of water and seek medical advice.

SECTION 16: OTHER INFORMATION

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever 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 that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS