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**FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.**

SECTION 1 - MATERIAL INFORMATION

PRODUCT: PART #9 ACETONE

PRODUCT USE: Chemical Intermediate

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Cas.	Concentration	Ingredient Name	LV	LM/50	LC/50
67-64-1	100	ACETONE	500 PPM	5800 MG/KG RAT ORAL 3000 MG/KG MOUSE ORAL 5340 MG/KG RABBIT ORAL	50,100 M0/M3/4H RAT INHALATION 44,000 MG/M3/4H MOUSE INHALATION

SECTION 3 - HAZARDS IDENTIFICATION

Route of entry: Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

Eye Contact: Irritant.

May cause burning sensation
May cause redness and tearing
Corneal injury may occur
May cause inflammation

Skin contact: May cause inflammation
May cause redness
May cause dryness

May cause irritation

Inhalation: May cause dizziness
May have narcotic effects
May cause drowsiness
May cause kidney and liver damage
Irritant of the respiratory tract
May cause incoordination
May cause slurred speech

Ingestion: May cause headache, nausea, vomiting
May cause digestive tract irritation
May cause liver and kidney damage
May cause dizziness
Central nervous system depression may occur
May cause fatigue
May lead to coma
Stupor.

Effects of chronic exposure: See effects of acute exposure
Prolonged or repeated overexposure may cause drying and cracking if the skin (dermatitis)

Medical conditions aggravated by exposure: Not available

Carcinogenic effects: Not listed as a carcinogen

Target organ: Not available

SECTION 4 – FIRST AID MEASURES

Skin contact: If irritation persists, consult a physician.
Immediately flush skin with plenty of water and soap for 15 minutes
While removing contaminated clothing and shoes

Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.
If breathing is difficult, administer oxygen.

Ingestion: Get medical attention immediately.
If victim is conscious, wash out mouth with water.
Never give anything by mouth to an unconscious person.
If conscious, give 2-4 cups of water or milk.

Additional information: The above information is believed to be correct but does not purpose to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Note to physician: No specific antidote, treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Flammability: Extremely flammable

Conditions of flammability: Excessive heat, sparks and open flames. Vapours may may travel to a source of ignition and flash back.
May cause flash fire

Extinguishing media: Dry chemical
Carbon dioxide
Water spray
Alcohol-resistant foam

Special procedures: Firefighters should wear the usual protective gear.
Wear a self contained breathing apparatus with full face piece, positive pressure or pressure demand.
Use water spray to cool fire exposed containers.

Auto ignition temperature: 465° (869°F)

Flash point (°C), method: -20°C (-4°F)

Lower flammability limit (% vol): 2.1

Upper flammability limit (% vol): 13

Explosion Data

Sensitivity to static discharge: Not available

Sensitivity to mechanical impact: Not available

Hazardous combustion products: Oxides of carbon (CO, CO₂)

Rate of burning: Not available

Explosive power: High temperatures may cause pressure build up in closed containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak/Spill: Eliminate all sources of heat and ignition.
Ventilate area.
Wear appropriate protective equipment.
Use non-sparking tools.
Soak up with inert absorbent.
Place in appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling and Procedures and equipment: Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists
Use adequate ventilation
Wash thoroughly after using particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Empty containers containing residue may cause a hazard.
Use non-sparking tools.
Avoid contact with skin, eyes and clothing
Use with explosion proof equipment
Launder contaminated clothing prior to reuse

Storage requirements: Store away from all sources or ignition
Keep out of direct sunlight
Keep containers tightly closed
Store in a cool dry and well ventilated area

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary Measures:

Gloves/Type: Wear appropriate gloves.

Respiratory/Type: NIOSH approved respirator, if necessary.

Eye/Type: Splash proof chemical goggles

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.

Other/Type: Eye wash facility should be in close proximity
Emergency shower should be in close proximity

Ventilation requirements: Local exhaust and/or general ventilation.
To maintain exposure below TLV

Exposure limit of material: See hazardous ingredients section.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance & odor: Clear
Acetone odour.

Odor threshold (ppm): Not available

Vapour pressure (mmHg): 247 mbar @ 20C

Vapour density (air=1): 2.0

Volatiles (%)

By volume: Not available

By weight: Not available

Evaporation rate (butyl acetate = 1): 7.7

Boiling point (°C): @ 760 mm Hg.
56 (132.80°F)

Freezing point (°C): -95°C (-139°F)

pH: Not available

Specific gravity@20°C: 0.790

Solubility in water (%): Soluble

Coefficient of water\oil dist: Not available

VOC: Not available

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Product is stable under normal handling and storage conditions.

Conditions of instability: Moisture.
Contact with incompatible substances

All ignition sources
Air
Temperatures > 220°C

Hazardous polymerization: Will not occur

Incompatible substance: Attacks some plastics, rubber, and coatings.

Hazards decomposition products: See hazardous combustion products.

SECTION 11 – TOXICOLOGICAL INFORMATION

LD50 of product, species & route: see hazardous ingredients section

LC50 of product, species & route: see hazardous ingredients section

Sensitization to product: Not available

Reproductive effects: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Synergistic materials: Not available

SECTION 12 - ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

SECTION 13 - DISPOSAL CONSIDERATION

Waste disposal: In accordance with municipal, provincial and federal regulations.

SECTION 14 - REGULATORY INFORMATION

D.O.T. Classification

ACETONE

UN1090

Class 3

PG II

Special shipping information: see transportation information

SECTION 15 – REGULATORY INFORMATION

TSCA inventory: Appears

SARA Section 313: None

SARA hazard categories sections: Immediate (Acute) Health Hazard: Yes

311/312: Delayed (Chronic) Health Hazard: Yes

Fire Hazard: Yes

Reactive: No

CERCLA reportable quantity: Acetone (67-64-1) – 5000 lbs

NFPA

Health Hazard: 2

Flammability: 3

Physical hazard: 0

SECTION 16 - COMMENTS

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with Fibre Glast Developments Corporation or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances