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SAL Chemical
3036 Birch Drive
Weirton, WV 26062
Phone: 304-748-8200
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Product: USS9

Revision date: 2008/01/21

Section 1 : PRODUCT AND COMPANY IDENTIFICATION**Product name:** Acetone.**Chemical family:** Not available.**Material use:** Not available.**Supplier:** JLM Marketing, Inc.
8675 Hidden Parkway
Tampa, FL 33637
Phone: 813- 632- 3300
Fax: 813- 632- 3301.**Manufacturer emergency phone number:** Chemtrec 800- 424- 9300.**Section 2 : INGREDIENT INFORMATION**

| C.A.S. | CONCENTRATION % | Ingredient Name | T.L.V. | LD50 | LC50 |
|---------|-----------------|-----------------|---------|---|--|
| 67-64-1 | 100 | ACETONE | 500 PPM | 5800 MG/KG RAT ORAL 3000 MG/KG MOUSE ORAL 5340 MG/KG RABBIT ORAL | 50,100 MG/M3/8H RAT INHALATION 44,000 MG/M3/4H MOUSE INHALATION |

Section 3 : HAZARD 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 of the skin (dermatitis).

Medical conditions aggravated by exposure: Not available.

Carcinogenic effects: Not listed as a carcinogen.

Target organs: 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 purport 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 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°C (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 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 of 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 substances: Attacks some plastics, rubber, and coatings.
Hazardous 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 CONSIDERATIONS

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

Section 14 : TRANSPORT 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 : OTHER INFORMATION

Data prepared by: Conform- Action Data Systems
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