

REVISED
JUNE/2013



MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT

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Product Name: **Quick Tac 2**
Technical Name: **Acetone**

2. HAZARDS IDENTIFICATION

Physical State: Liquid.
Color: Clear to amber.
Odor: Fragrant, mint like.

Routes of exposure: Eyes, ingestion, inhalation, skin.

Target organs: Skin, respiratory system, central nervous system.

Medical conditions aggravated by exposure: Eye, skin, and respiratory system disorders.

Cancer information: This product does not contain greater than 0.1% of known or potential carcinogens listed in NTP, IARC, or OSHA. Keep away from heat, sparks, and open flame. Harmful if inhaled. May be harmful or fatal if swallowed. Aspiration may cause lung damage.

Hazard Classification

Physical Classification: Extremely Flammable liquid and vapor.

Symbol: Symbol required

Signal Word: Danger. Flammable Liquid



Health Classification:

Irritant: Causes mild skin or eye irritation Category 3



Symbol:

Signal Word: WARNING

3. COMPOSITION AND INFORMATION ON HARMFUL INGREDIENTS

Ingredients	Cas No.	OSHA PEL	ACGIH TWA	ACGIH STEL	%Composition
Acetone	67-64-1	1000ppm	500ppm	750ppm	>99



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4. FIRST AID MEASURES

- Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.
- Skin contact:** Flush skin with plenty of water while removing contaminated clothing and shoes. If irritation persists, get medical attention.
- Inhalation:** Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. **GET MEDICAL ATTENTION IMMEDIATELY.**
- Ingestion:** If swallowed, call a physician immediately. **DO NOT** induce vomiting unless directed to do so by a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

NOTE TO PHYSICIANS: Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Water fog, foam, dry chemical or CO₂.
- Special Fire Fighting Procedures:** Wear self contained breathing apparatus.
- Fire / Explosion Hazards:** Extremely Flammable. Vapors are heavier than air.
- Hazardous Thermal Decomposition Products:** Carbon dioxide, carbon monoxide, organics.

6. ACCIDENTAL RELEASE MEASURES

EXTREMELY FLAMMABLE LIQUID. Eliminate all sources of ignition. Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protection recommendations found in section 8. Shut off source of leak if safe to do so. Use non-sparking tools and equipment. Contain spill, place into drums for proper disposal. Soak up residue with non-flammable absorbent material. **DO NOT** use sawdust. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. Use water spray to control vapor.

7. HANDLING AND STORAGE

Storage: Extremely Flammable. Store in a cool, well-ventilated area away from all sources of ignition and out of direct sunlight. Keep containers tightly closed. Bond and ground transfer containers and equipment.

Handling: Avoid contact with eyes, skin, and clothing. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

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8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering controls: Engineering controls are imperative when using this product to avoid overexposure. Do not use in closed or confined spaces.

Respiratory protection: If exposure limits are exceeded, wear NIOSH respirator.

Eye/face protection: Wear safety glasses while handling this product.

Skin protection: Prevent contact. Wear chemical-resistant gloves.

Other protective equipment: Eye-wash station, safety shower.

General hygiene considerations: Wash with soap and water before meal times and at the end of each work shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point: 133 degrees F

Specific gravity: 0.76@20°C

Freezing point: <-139°F % Volatile:100

Melting point: N.A.

Evaporation rate: <=0.1

Vapor pressure: 180@20°C VOC (WT%): 0

Solubility in water: Negligible VOC (Lbs/Gal): 0

Flash Point: <0 degrees F

Flammability Limits: LEL: 1.5% UEL: 13%

Autoignition temperature: 869 degrees F

V.O.C. Content: <20g/L estimated (California SCAQMD Method 316B)

10. REACTIVITY AND STABILITY

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Acids, alkalies, oxidizers.

Conditions to Avoid: Avoid contact with heat, sparks, electric arcs, and open flames.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Oral LD50: Rat - 5800mg/kg

Mouse - 3000mg/kg

Dermal LD50: Rabbit - 20g/kg

Inhalation LC50: Rat - 50100mg/m³/8H LCLo mouse - 110g/m³/8H

Development of cataracts has been reported in laboratory animals after prolonged or repeated exposure to acetone. In animal studies, repeated oral dosing of large amounts of acetone was reported to cause adverse effects in the hematological system, liver, kidney, and testis. In animals, acetone administration can potentiate the toxicity of a variety of chemical toxicants, which is believed to be secondary to induction of live enzymes. In pregnant animals exposed to high concentrations of acetone, there were no birth defects, but some evidence of embryofetal toxicity



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12. ECOLOGICAL INFORMATION

None.

13. DISPOSAL INFORMATION

Hazardous waste number: U002;D001

Note: When acetone is a spent solvent, it is classified as a hazardous waste from a nonspecific source (F003). An additional EPA hazardous waste number may include: D018

Disposal method: Dispose of in a permitted hazardous waste management facility following all local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

DOT Hazardous Material Information:

UN no.: 1090

Proper shipping name: ACETONE

Class or division: 3

Packaging group: II

For shipments of 1 liter or less and gross weight of container is 66 pounds or less: Limited Quantity

No shipping paper required

ICAO/ IATA:

Shipments over 1 liter

UN no.: 1090

Proper shipping name: Acetone

Class or division: 3

Packaging group: II

Shipments of 1 liter or less in outer packages with a gross weight of 30 kg or less: UN 1090 Acetone 3 II Limited Quantity

If in consumer inner packaging of 1 liter or less and the gross weight of the finished package is 30 kg or less: ID 8000

Consumer Commodities 9

IMDG:

UN no.: 1090

Proper shipping name: Acetone

Class or division: 3

Packaging group: II

If in consumer inner packaging of 1 liter or less and the gross weight of the finished package is 30 kg or less: UN 1090

Acetone 3 II Limited Quantity

15. REGULATORY INFORMATION

State regulations:

California – The following components are listed under Prop 65:

Benzene (<=0.003%)

Formaldehyde (<=0.002%)

Wisconsin – The following components are listed as a Wisconsin HAP:

None



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16. OTHER INFORMATION

HMIS	HEALTH 2	FLAMMABILITY 3	REACTIVITY 0
NFPA	HEALTH 1	FIRE HAZARD 3	REACTIVITY 0

NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

Engineering Excellence

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www.instantca.com

