

**View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16****SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

(N/A)

**Product Name:** **Acetone**  
**Manufacturer Name:** ITW Dykem  
**Address:** 805 East Old 56 Highway  
 Olathe, KS 66061-4914

Emergency Telephone Number: 1-800-535-5053  
 (Domestic), 1-352-323-3500 (International)

**Product Description:** Product Class: Remover/Cleaner/Thinner

**HMIS**

HEALTH	1
FIRE	3
REACTIVITY	0
PPE	B

**Business Phone:** 1-800-443-9536 or 1-913-397-9889  
**Revision Date:** 6/26/09  
**Formula:** 24-10130

Another Exclusive Product of: ITW Dykem

Signature of Preparer (Optional): Regulatory Dept.

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

HMIS®

**Product Codes:** 85638, 85738, 85838

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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENT'S**

(N/A)

Ingredient Name	CAS#	Ingredient Percent
Acetone	67-64-1	98 - 100%
OSHA PEL TWA:	750 ppm	
ACGIH TLV TWA:	750 ppm	
EC Index Number:	1	
<b>Other Exposure Guidelines:</b>	No data	

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**SECTION 3 : HAZARDS IDENTIFICATION**

(N/A)

**Emergency Overview:** Danger! Extremely flammable liquid and vapor. Vapor may cause flash fire. Keep away from heat sparks and flames. Use only with adequate ventilation. Harmful if swallowed. If swallowed do not induce vomiting. Get immediate medical attention. May cause eye, skin and respiratory tract irritation.

**Physical State:** Clear Thin Viscosity Liquid  
**Odor:** Sweet Solvent Odor

**Acetone:****Potential Health Effects:**

**Eye Contact:** Liquid is moderately irritating to the eyes.  
**Skin Contact:** Liquid is mildly irritating to the skin.  
**Inhalation:** High concentration of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea.

**Ingestion:** Ingestion of liquid may cause vomiting.

**Chronic Health Effects:** Prolonged or repeated contact may cause skin sensitization or dermatitis. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

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**SECTION 4 : FIRST AID MEASURES**

(N/A)

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.  
**Skin Contact:** Flush skin with plenty of water. Remove contaminated clothing and shoes.  
**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.  
**Ingestion:** If large quantities of this material are swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**SECTION 5 : FIRE FIGHTING MEASURES**

: (N/A)

Flash Point:	- 4 deg F
Upper Flammable or Explosive Limit:	12.80
Lower Flammable or Explosive Limit:	2.60
Extinguishing Media:	Use alcohol foam, dry chemical or CO2. Use water spray to cool fire-exposed containers and to protect personnel.
Fire Fighting Instructions:	Water may be ineffective. Water may be used to keep fire-exposed containers cool until fire is out. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus.
Unusual Fire Hazards:	Vapors are heavier than air and may travel along ground, or be moved by ventilation and be ignited by ignition source.

[To Top of page](#)**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

: (N/A)

Large Spill:	Evacuate area of unprotected personnel. Eliminate all ignition sources. Stop spill at source if safe to do so. Handling equipment must be grounded to prevent sparking. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Dispose of properly in compliance with federal, state, and local regulations.
Small Spill:	Absorb liquid with non-combustible floor absorbent and place in non-leaking container; seal properly and dispose of properly in compliance with federal, state, and local regulations.

[To Top of page](#)**SECTION 7 : HANDLING and STORAGE**

: (N/A)

Handling:	Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, flames, static electricity, or other sources of ignition. Many hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as "autoignition" or ignition temperatures. Ignition temperatures decrease with increasing vapor volume and vapor volume and vapor/air contact time, and are influenced by pressure changes. Ignition of organic chemical vapors may occur at typical elevated-temperature process conditions, especially in processes operating under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape of vapors or mists to the atmosphere occurs. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.
Storage:	Keep away from heat, sparks and open flames. Keep out of reach of children. Keep container tightly sealed when not in use. Store in cool, well-ventilated place away from incompatible materials. All 5 gallon pails and larger metal containers should be grounded and/or bonded when material is transferred.
Hygiene Practices:	Follow label instructions. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

[To Top of page](#)**SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

: (N/A)

Ventilation System:	Mechanical (General): Yes Special: None
Local Exhaust:	Not usually needed
Other Exhaust Information:	None
Hand Protection Description:	Protective Gloves - Chemical resistant rubber gloves if skin contact is possible (consult your safety equipment supplier).
Eye/Face Protection:	Safety glasses with side shields. Wear chemical splash goggles in compliance with OSHA regulations if splashing is possible.
Protective Clothing/Body Protection:	Not usually necessary. For bulk material, if direct contact is possible, wear apron, boots, face shield, etc. as needed.
Respiratory Protection:	(Specify Type): Not usually necessary. Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.  Work/Hygienic Practices: Follow label instructions. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

[To Top of page](#)**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

: (N/A)

Physical State/Appearance:	Clear Thin Viscosity Liquid
Odor:	Sweet Solvent Odor
pH:	No Data
Vapor Pressure:	(mm-Hg @ 70 deg F): No Data
Vapor Density:	(AIR = 1): Greater than one (1)
Boiling Point:	133 deg F
Melting Point:	No Data
Solubility:	In Water: Soluble

Specific Gravity: (H2O = 1) @ 70 deg F: 0.79  
Evaporation Point: (Butyl Acetate = 1): Greater than one (1)  
Volatile Organic Compound Content: (Exempt) This product contains 0.00 grams per liter or 0.00 % by weight VOC's.

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## SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability: Stable  
Conditions to Avoid: None known.  
Incompatibilities with Other Materials: (Materials to Avoid): Strong oxidizing and reducing agents, strong alkalis and strong acids.  
Hazardous Polymerization: Will Not Occur  
Conditions to Avoid - No data  
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, smoke, soot and various organic oxidation by-products.

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## SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

**Acetone :**  
Skin Effects: Dermal LD50 (Rabbit): 20 g/kg  
Ingestion Effects: Oral LD50 (Rat): 8.5 - 10.70 g/kg  
Inhalation Effects: Inhalation LC50 (Rat): No data  
Toxicological Paragraph: Please refer to Section 3 for available information on potential health effects.

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## SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Ecological Paragraph: No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

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## SECTION 13 : DISPOSAL CONSIDERATIONS : (N/A)

Waste Disposal: Dispose of in accordance with all applicable local, state and federal regulations.

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## SECTION 14 : TRANSPORT INFORMATION : (N/A)

Transportation Information: (Not meant to be all inclusive)  
DOT Shipping Information: Domestic Highway (Containers <= 1 Quart are ORM-D):  
DOT Shipping Name: Paint Related Material  
DOT UN Number: UN1263  
DOT Hazard Class: Subsidiary Hazard: 3  
DOT Packing Group: II  
DOT Subpart E Labeling Requirement: Flammable Liquid (3)  
  
Domestic Air Shipments: Varies  
Proper Shipping Name: No data  
Hazard Class/Subsidiary Hazard: No data  
UN/NA No.: No data  
Packing Group: No data  
Label Required: No data

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## SECTION 15 : REGULATORY INFORMATION : (N/A)

**Acetone :**  
Section 313 Toxic Release Form: This product does not contain ingredients which are listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

OSHA 29 CFR 1200: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

State: CALIFORNIA PROPOSITION 65:  
This product contains a chemical known to the State of California to cause cancer. Benzene.  
This product contains chemicals known to the State of California to cause reproductive harm. Benzene.

Regulatory Paragraph: (Not meant to be all inclusive - selected regulations represented)

Carcinogenicity: NTP: No  
IARC Monographs: No  
OSHA Regulated: No

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## HMIS:

Health Hazard:	1
Fire Hazard:	3
Reactivity:	0
Personal Protection:	B
MSDS Revision Date:	6/26/09

MSDS Author: Signature of Preparer (Optional): Regulatory Dept.

## Disclaimer:

WARNING! The use of this product is beyond the control of the manufacturer and distributor; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer and distributor warrant only that this product meets the specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer and distributor for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.

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