

# SAFETY DATA SHEET

SAVOGRAN COMPANY

## 1. Product and Company Identification

Product Name: KUTZIT (DCM Free) Product Code: 240N

Savogran Company

259 Lenox St

PO Box 130

Norwood, MA 02062-0130

Information Phone: 781-762-5400

Emergency Phone: 800-424-9300

Website Address: www.savogran.com

Synonyms: 01242,01243,01244,  
01245

Product Use: PAINT REMOVER

Not recommended for: BATH TUB REFINISHING

## 2. Hazards Identification

### GHS Ratings:

Flammable liquid	2
Acute Toxicity-Oral	3
Skin irritant	2
Eye irritant	2A
Toxic to reproduction	2
Specific target organ toxicity-single exposure	1
Aspiration hazard	1

### GHS Hazards

H225	Highly flammable liquid and vapour
H301	Toxic if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H361	Suspected of damaging fertility or the unborn child
H370	Causes damage to organs: eyes, skin, respiratory system, central nervous system, gastrointestinal tract

### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/lighting equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash thoroughly after handling

P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P321	Specific treatment (see section 4 on this sds)
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P307+P311	IF exposed: Call a POISON CENTER or doctor/physician
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	If eye irritation persists, get medical advice/attention
P370+P378	In case of fire: Use use carbon dioxide or dry chemical
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container in accordance with local/regional/national/international regulations

**Signal Word: Danger**



### 3. Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
ACETONE	67-64-1	30.00% - 40.00%
TOLUENE	108-88-3	20.00% - 30.00%
METHANOL	67-56-1	20.00% - 30.00%
DISTILLATES (PETROLEUM), HYDROREATED LIGHT	64742-47-8	5.00% - 10.00%
1-BUTYLPYRROLIDIN-2-ONE	3470-98-2	1.00% - 5.00%

### 4. First Aid Measures

**Inhalation:** If illness occurs, remove patient to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, start artificial respiration. Call physician immediately.

**Eyes:** Flood with plenty of water with eye lids held open for at least 15 minutes and get medical attention promptly.

**Skin:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

**Ingestion:** Immediately give 1 or 2 glasses of water and call physician, hospital emergency room or poison control center for way to induce vomiting. Get medical attention promptly. Never give anything by mouth to an unconscious person. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

This product contains methanol which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. The metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol concentrations about 20ug/dl. Methanol is effectively removed by hemodialysis.

## 5. Fire Fighting Measures

Flash Point: -11 C (12 F)

LEL: N/A

UEL: N/A

Extinguishing Media: Water fog, regular foam, carbon dioxide or dry chemical.

Fire/explosion: DANGER! EXTREMELY FLAMMABLE. Keep away from heat, sparks, flame and all other sources of ignition. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated.

May form carbon dioxide and carbon monoxide, various hydrocarbons.

Fire Fighting: Wear self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode. Straight water steam will spread fire. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reignition has passed.

## 6. Accidental Release Measures

Methods/Materials for Containment and Cleaning Up:

Eliminate all ignition sources. Runoff may create fire or exposure hazard in sewer system. Absorb on fire retardant, liquid-absorbing material. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Prevent spills from entering storm sewers or drains and contact with soil.

Small spill: Wipe or scrap up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

Large Spill: Wear proper protective equipment. Stop spill at source, dike area of spill to keep from spreading and keep out of ground water and streams. Transfer material to metal containers. Absorb remainder with sand, clay, earth, floor absorbent or other material and shovel into containers. Then wash area thoroughly with water and detergent. Ventilate adequately with good fresh air movement at floor level. Do not restart pilot lights or operate electrical devices or other sources of sparks, flames or heat until all vapors (odors) are gone.

## 7. Handling and Storage

Do not breathe material. Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor and liquid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers should be grounded and/or bonded when material is transferred.

Store in cool place, out of hot sun. All containers are subject to damage in storage and transit. Damaged containers may start leaking immediately or at a later time. Do not store flammable materials in areas with widely fluctuating temperatures and do not store where vapors may come in contact with flames, sparks, or heat. Flammable materials should not be stored in below ground areas that cannot be adequately ventilated at floor level. Do not use cutting or welding torches near full or empty containers. Closed containers may explode if exposed to extreme heat. Never use internal gas or air pressure to remove contents from a container. Emptied containers may retain product residues (e.g. vapor and liquid or solids); Therefore all precautions given in this sheet must be observed until a container is thoroughly cleaned or destroyed. All containers must be completely drained, (less than one inch of material in the bottom of 55 gallon container) before disposal. If possible emptied container of 55 gallons or more should be given to reconditioner for cleaning.

## 8. Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
ACETONE 67-64-1	1000 ppm	500 ppm TLV (8 hr) 750 ppm STEL	Not Established
TOLUENE 108-88-3	200 ppm TWA 300 ppm Ceiling	20 ppm TWA, A4	Not Established

METHANOL 67-56-1	200 ppm TWA	200 ppm TWA 250 ppm STEL	Not Established
DISTILLATES (PETROLEUM), HYDROREATED LIGHT 64742-47-8	100 ppm TWA	Not Established	Not Established
1-BUTYLPYRROLIDIN-2- ONE 3470-98-2	Not Established	Not Established	Not Established

**Engineering Controls:**

The vapors are heavier than air and due care must be exercised to prevent them from collecting in low, unventilated areas. Vapors may travel along the floor (even under and around closed doors). Adequate ventilation must be provided with good fresh air movement at floor level by normal cross ventilation or preferably good explosion proof exhaust fans. Limit concentration of any solvent in air to exposure guidelines.

**Respiratory Protection:**

For known vapor concentrations above the occupational exposure guidelines, use a NIOSH approved organic vapor respirator.

**Skin Protection:**

Use chemical-resistant gloves to avoid prolonged or repeated skin contact.

**Eye Protection:**

Chemical goggles or safety glasses with side shield.

**9. Physical and Chemical Properties**

<p><b>Appearance:</b> Blue liquid</p> <p><b>Vapor Pressure:</b> 96mmHg20C</p> <p><b>Vapor Density:</b> Heavier than air</p> <p><b>Sp. Gravity:</b> 0.827</p> <p><b>Freezing point:</b> No data</p> <p><b>Boiling range:</b> 133F</p> <p><b>Evaporation rate:</b> Less than ether</p> <p><b>Explosive Limits:</b> No data</p> <p><b>Autoignition temperature:</b> No data</p> <p><b>Viscosity:</b> No data</p> <p><b>Lbs VOC/Gallon:</b> 3.38</p>	<p><b>Odor:</b> Aromatic</p> <p><b>Odor threshold:</b> No data</p> <p><b>pH:</b> 7-9 (1% H2O)</p> <p><b>Melting point:</b> No data</p> <p><b>Solubility:</b> Appreciable</p> <p><b>Flash point:</b> 12F (SETAFLASH)</p> <p><b>Flammability:</b> No data</p> <p><b>Partition coefficient (n-octanol/water):</b> No data</p> <p><b>Decomposition temperature:</b> No data</p> <p><b>Grams VOC/Liter:</b> 405</p> <p><b>% Weight VOC (less exempt):</b> 49</p>
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**10. Stability and Reactivity**

**Chemical Stability (Conditions to Avoid):**

STABLE

**Incompatibility:**

Avoid contact with strong oxidizing agents.

Strong oxidizing agents (e.g. nitric acid, permanganates, etc.), strong alkalies (e.g. NaOH, ammonia, etc.), strong acids (e.g. HCl, sulfuric, etc.)

**Hazardous Decomposition:**

May form carbon dioxide and carbon monoxide, various hydrocarbons.

Hazardous polymerization will not occur.

## 11. Toxicological Information

### Mixture Toxicity

This product has not been tested as a whole.

Routes of Entry Anticipated:

Inhalation      Skin Contact      Eye Contact      Ingestion

Potential Health Effects:

Eye: Can cause severe irritation, redness, tearing, blurred vision

Skin: May cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Ingestion: Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Ingestion can cause blindness, nausea, vomiting, diarrhea, gastrointestinal irritation and death.

Inhalation: Breathing of vapor is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

### Effects of Overexposure

Contains no ingredients listed as a carcinogen

Aggravation of Pre-Existing Conditions: Persons thought to have heart or respiratory problems should seek medical advice before using solvents of any kind. If signs of allergy develop (breathing difficulty, eye itching, prolonged itching or redness of the skin, headaches, dizziness, etc.) discontinue use of product immediately and consult a physician. Caution: Drinking alcohol shortly before, or after exposure to some solvents may cause undesirable effects.

Chronic: Intentional misuse by deliberately concentrating and inhaling the product may be harmful or fatal. Reports have associated repeated and prolonged overexposure to solvents with permanent brain, nervous system, liver and kidney damage.

Reproductive Toxicity: Methanol has caused birth defects in laboratory animals, but only when inhaled at extremely high vapor concentrations. The relevance of this finding to humans is uncertain. Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

## 12. Ecological Information

Ecotoxicity: No data available

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available

Mobility in soil: The product is partially soluble in water.

Other Adverse effects: No data available

## 13. Disposal Considerations

Disposal Methods:

Must be disposed of in accordance with local, state and federal regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

Empty Containers:

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

## 14. Transport Information

Gallon or smaller, Limited Quantity

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	PAINT RELATED MATERIAL	1263	II	3
IMDG	FLAMMABLE LIQUIDS, TOXIC N.O.S.	1992	II	3, (6.1)

### 15. Regulatory Information

TSCA: The intentional ingredients of this product are listed.

OSHA: The intentional regulated ingredients of this product are listed.

CERCLA: SARA Hazard Category: Immediate/Fire

Reportable Quantity: Product Components (Toluene-1000lb; Acetone-5000lb; Methanol-5000lb)

SARA 313 (TRI Reporting)

108-88-3 TOLUENE

67-56-1 METHANOL

Massachusetts RTK Label Information

67-64-1 ACETONE

108-88-3 TOLUENE

67-56-1 METHANOL

New Jersey RTK label Information

67-64-1 ACETONE

108-88-3 TOLUENE

67-56-1 METHANOL

64742-47-8 DISTILLATES (PETROLEUM), HYDROREATED LIGHT

Pennsylvania RTK Label Information

67-64-1 ACETONE

108-88-3 TOLUENE

67-56-1 METHANOL

64742-47-8 DISTILLATES (PETROLEUM), HYDROREATED LIGHT

California Prop 65 Listed:

108-88-3 TOLUENE

67-56-1 METHANOL

### 16. OTHER INFORMATION

#### Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

#### HMIS & NFPA Hazard Rating

##### Legend

\* = Chronic Health Hazard

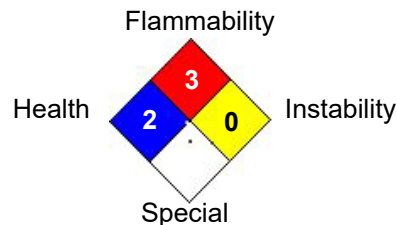
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

#### National Fire Protection Association (NFPA)



Judgement of potential hazards of this product is based on informatoin available about individual components listed under section 3 - Ingredients. Direct testing of mixture has not been done. Information given herin is believed to be accurate and is given in good faith. However, no warranty either expressed or implied is made. It is strongly suggested tht users confirm in advance of need that the information is current and applicable to their situations.

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Reviewer Revision 5