

**The Butler Corporation**

251 Moody Street  
Ludlow, Massachusetts 01056  
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**HAZARD RATING HMIS**

Health =1, Flammability =2, Reactivity = 1  
(Index: 4 = very high, 3 = high, 2 = moderate  
1 = slight, 0 = insignificant)

**Material Safety Data Sheet****I. General Information**

<b>Trade Name &amp; Synonym</b> Desolv	<b>Chemical Family</b> Surfactant/Solvent Mixture	
<b>Chemical Name &amp; Synonym</b> Mixture	<b>Date prepared</b> June 2006	<b>Prepared by</b> Aziz Ullah Ph.D.

**II. Ingredients**

Organic Hydrocarbons, Natural Citrus Oils, Wetting Agents

**III. Physical Properties****Boiling Point**

180-300° F

**Specific Gravity(Water=1)**

0.78

**Vapor Pressure(mm Hg.)**

ND

**Melting Point**

ND

**Vapor Density(AIR=1)**

>1

**Evaporation Rate (Butyl Acetate=1)**

>1

**Solubility in Water**

Insoluble

**Appearance and odor**

Water white to light yellow/ Citrus solvent odor

**pH (Liquid as is)**

Not Applicable

**IV. Fire and Explosion Hazard Data****Flash Point (TOC)**

147° F (Combustible)

**Flammable Limits**

ND

**LEL****UEL**

ND

**Extinguishing Media**

Foam, CO<sub>2</sub>, Dry Chemical,

**Special Fire Fighting Procedures**

Usual Fire fighting proccdures can be used

**Unusual Fire and Explosion Hazards**

None Known

**V. Reactivity Data****Stability**

Unstable

**Conditions to avoid**

Stable

X

**Incompatibility (Materials to avoid)**

Water, Strong oxidizing agents

**Hazard Decomposition or Byproducts**

When Exposed to fire emits normal products of combustion

**Hazardous**

May occur

**Conditions to avoid****Polymerization**

Will not occur

X

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**VI. Health Hazard Data**

Routes of Entry	Inhalation	Skin	Ingestion	Eyes
Yes	No	No	Yes	

**Health Hazards**  
Direct contact of product with eyes can cause irritation, prolonged or repeated contact with skin may irritate

**Signs and Symptoms of Exposure**  
Irritation discomfort

**Medical Conditions Aggravated by Exposure**  
None known

**Emergency and First Aid Procedures**  
Flush Thoroughly with water If irritation persists see physician if ingested drink milk or water see physician

**VII. Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled**  
Do not flush to Sewer, contain spill take it up in absorbent material and place in closed containers for disposal

**Waste Disposal Method**  
Check with federal state or local regulations. Avoid contamination of surface or ground water.

**Precautions to be taken in Handling and Storing**  
Keep away from heat, keep away from eyes and repeated or prolonged contact with skin

**Other Precautions**  
NA

**VIII. Control Measures**

**Respiratory Protection**  
Air circulation. If unavailable use Respirator

Ventilation	Local Exhaust	X	Special
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Provide ventilation	Mechanical	X	Other
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<b>Protective Gloves</b>	<b>Eye Protection</b>
<u>For repeated contact impermeable gloves suggested</u>	<u>Monogoggles suggested</u>

**Other Protective Clothing or Equipment**  
NA

**Work/Hygienic Practices**  
Wash after handling Keep out of reach of children

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