

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

## IDENTITY

**SOY LEASE DW (250540)**

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.

## Section I

Manufactured for:

Beaver Research Company

Emergency Telephone Number

1-800-544-0133

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATINGS:

0-Minimal 3-Serious

1-Slight 4-Extreme

2-Moderate

Health: 1

Flammability: 1

Reactivity: 0

Personal Protection: B

Date Prepared

10/26/06

Signature of Preparer (optional)

## Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

CAS No.

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

Methylsoyate

67784-80-9

N/E

<90%

Carcinogens: None suspected.

TSCA: All components listed.

## Section III – Physical/Chemical Characteristics

Boiling Point (F)

>200 C

Specific Gravity (H<sub>2</sub>O = 1)

0.90

Vapor Pressure (mm Hg)

<1

Freezing/Melting Point (DEG/F)

N/E

Vapor Density (AIR = 1)

>1

Evaporation Rate  
(N-Butylacetate = 1)

<1

Solubility in Water  
<1% by volume

pH  
N/E

% Volatile by Volume  
<2%

Appearance and Odor

Yellow liquid, orange scent

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)

>175 C (COC)

Flammable Limits

LEL

N/E

UEL

N/E

Extinguishing Media

Use appropriate extinguishing media for the surrounding fire.

Special Fire Fighting Procedures

Self-contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.

Unusual Fire and Explosion Hazards

N/E

## Section V – Reactivity Data

Stability

Unstable

Stable

X

Conditions to Avoid

N/E

Incompatibility (Materials to Avoid)

Strong oxidizing agents.

Hazardous Decomposition or Byproducts

COX

Hazardous

May Occur

Will Not Occur

X

Conditions to Avoid

N/E

Polymerization

**Section VI – Health Hazard Data**

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Eyes? Yes	Ingestion? Yes
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Health Hazards (Acute and Chronic)

**Eyes:** Irritation**Skin:** Irritation, rash, acne, dermatitis**Ingestion:** Irritation**Inhalation:** Irritation, dizziness, nausea

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention. **Skin:** Wash with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists. **Ingestion:** Give large quantities of water. DO NOT induce vomiting. If vomiting occurs spontaneously, keep head lower than lungs to prevent aspiration of chemical into lungs. Never give anything by mouth to an unconscious person. Seek medical attention.

**Inhalation:** Remove victim to fresh air.**Section VII – Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Wear necessary personal protective equipment. Dike area to prevent spreading of spilled material. Cover with an inert absorbent, shovel into appropriate containers and dispose of in accordance with federal, state and local regulations.

Waste Disposal Method

Disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

Precautions to be Taken in Handling and Storage

Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep containers closed when not in use. Wash hands after handling.

Other Precautions

N/E

**Section VIII – Control Measures**

Respiratory Protection (Specify Type)

None normally needed.

Ventilation	Local Exhaust	Yes	Special	To prevent skin contact
	Mechanical (General)	None	Other	N/A

Protective Gloves

Impervious.

Eye Protection

Safety glasses or goggles or face masks.

Other Protective Clothing or Equipment

Eyewash and shower for emergency use should be in the working area.

Work/Hygienic Practices

N/A

N/A=Not Applicable N/E=Not Established

All information contained in this material safety data sheet is believed to be true and accurate at this time. However, Beaver Research Company makes no guarantees, expressed or implied, nor assumes any liability for its use.