

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

SYNERGY (250070)

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

DOT Classification: Not Regulated

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: 2

Fire: 0

Reactivity: 0

Personal Protection: X

Date Prepared

12/21/07

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

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

CAS No.

TLV (Source)

WT. %
(optional)

Water

7732-18-5

None Established

60 - 75

Tetrapotassium Pyrophosphate

7320-34-5

None Established

5 - 10

D-Mark Surfactant Blend

Proprietary

None Established

10 - 20

Carcinogens: None suspected.

Section III - Physical/Chemical Characteristics

Boiling Point (°F)

212°F

Specific Gravity (H₂O = 1)

1.07 ± 0.005

Vapor Pressure (mmHg)

Not Determined

Evaporation Rate (vs. H₂O)

About the same

Vapor Density (AIR = 1)

Not Determined

pH

10.0 ± 0.5

Solubility in Water

Complete

Appearance and Odor

Clear, blue liquid with citrus odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (T.C.C.)

(°F) None to Boiling.

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

Product is non-combustible. Water Spray (Fog), Dry Chemical, CO₂ or Foam may be used where product is stored.

Special Fire Fighting Procedures

Do not enter confined fire-spaces without protective clothing and self-contained air supply.

Unusual Fire and Explosion Hazards

None.

Section V - Reactivity Data

Stability

Unstable

Stable

X

Conditions to Avoid

N/A

Incompatibility (Materials to Avoid)

Strong oxidizers, Acids.

Hazardous Decomposition or Byproducts

Burning may produce oxides of carbon and other substances.

Hazardous

May Occur

Conditions to Avoid

N/A

Polymerization

Will Not Occur

X

Section VI - Health Hazard Data

Primary Route(s) of Entry:	Inhalation?	Skin?	Eyes?	Ingestion?
		X	X	X

Health Hazards (Acute and Chronic)

See "Signs and Symptoms of Overexposure" below.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Overexposure

Acute: Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea and mucousal irritation.

Chronic: None currently known.

Medical Conditions Generally Aggravated by Exposure

An existing dermatitis.

Emergency and First Aid Procedure

Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately.

Skin: Wash affected areas with large amounts of soap and water. If irritation persists, call a physician.

Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

Ingestion: DO NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Safely stop spill at source. Contain spill by diking with soil or other inert material. Mop, pump or absorb with material and reclaim into sound containers for reuse, recycle or proper disposal.

Waste Disposal Method

Dispose of in an approved waste facility according to Federal, State and Local regulations.

Precautions to be Taken in Handling and Storage

No special requirements if product is handled according to good manufacturing practices. Wash thoroughly after handling. Avoid contact with skin, eyes and clothing.

Other Precautions

Keep out of the reach of children.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Not required under normal use conditions. Avoid misting conditions unless protected.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

Rubber/PVC.

Eye Protection

Safety Glasses/Goggles.

Other Protective Clothing or Equipment

Protective clothing as required to minimize contact during specific operations.

Work/Hygienic Practices

N/A

N/A=Not Applicable

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