

HarChem

H₂O

Water Services

PO Box 310, Muldrow, OK 74948

SAFETY DATA SHEET

HEM-533

SECTION 1: IDENTIFICATION

MANUFACTURER/ DISTRIBUTOR

HarChem Water Services

P.O. Box 310

Muldrow, OK 74948

Emergency Telephone Number:

479-806-0266 24 hours everyday

918-427-0777

Chemtec 1-(800)-262-8200

SECTION 2: HAZARD IDENTIFICATION

<u>Ingredient(s)</u>	<u>CAS#</u>	<u>%(by weight)</u>
Flopam EM 533	64742-47-8	1-100

PICTOGRAM REPRESENTATION :



Hazard Statements: Irritant

Hazard Classification:

Skin Irritation: Category III

Eye Irritation: Category IV

Acute Oral Toxicity: Category IV

Acute inhalation Toxicity: N/A

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Identification: Anionic water-soluble polymer in emulsions.

Section 4: First Aid

INHALATION: No hazards which require special first aid measures.

SKIN CONTACT: Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.

EYE CONTACT: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

INGESTION: The product is not considered toxic based on studies on laboratory animals.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, Water spray, Foam, Carbon dioxide (CO₂) Dry powder.

Precautions: Spills produce extremely slippery surfaces.

Special protective equipment for firefighters: No special protective equipment required.

Flash Point: Does not flash.

Auto ignition temperature: Does not ignite

NFPA Hazard Codes:

Health: 1

Fire: 1

Reactivity:0

None:0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: No special precautions required.

Environmental precautions: Do not contaminate water.

Methods for cleaning up: Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning flush away traces with water.

SECTION 7: HANDLING AND STORAGE

HANDLING: Safe handling advice: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using do not smoke.

STORAGE: Keep in a dry cool place (0-30 C) Freezing will affect the physical condition and may damage the material.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Use local exhaust if misting occurs. Natural ventilation in absence of mists.

Respiratory Protection- In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection: Rubber gloves

Eye protection: Safety glasses with side shields: Do not wear contact lenses where the product is used.

Skin and body protection: Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely.

Hygiene Measures: Wash hands and face breaks immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: apiphatic

FORM: viscous liquid

Color: Milky

pH: 6-8 @ 5 g/l

Melting point: N/A

Flash point: Does not flash

Autoignition temperature: Does not ignite

Approx bulk density: 1.05

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable. Hazardous polymerization does not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce. (COx) (NOx)

MATERIALS TO AVOID: Oxidizing agents may cause exothermic reactions

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Skin: The product is not expected to be toxic.

Oral: LD50/oral/rat>5000 mg/kg.

Inhalation: The product is not expected to be toxic by inhalation.

Irritation: Skin: May cause irritation with susceptible persons.

Eyes: May cause irritation with susceptible persons.

Sensitization: The product is not expected to be sensitizing.

Chronic Toxicity: Prolonged skin contact may defat the skin and produce dermatitis.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Toxicity to fish: LC50/96 hours> 100 mg/l (OECD 203)

Toxicity to daphnia: EC50/48 hours>100 mg/l (OECD 202)

Toxicity to algae: IC50/ Scenedesmus subspicatus/ 72 hours>100 mg/l (OECD 201)

Environmental Fate:

Persistence and degradability Not readily biodegradable.

Hydrolysis: Does not hydrolyse.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal: In accordance with local state and federal regulations

Container: Rinse empty containers with water and use the rinse water to prepare to working solution. Can be landfilled or incinerated, when in compliance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: Not classified as dangerous in the meaning of DOT regulations.

SECTION 15: REGULATORY INFORMATION

US Federal Regulation: TSCA

All components of this product are either listed on the inventory or are exempt from listing.

SECTION 16: OTHER INFORMATION: Date of Preparation: 05/25/08

Last Revision: 5/12/15