

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

PRODUCT NAME:

SYSSTEM-MANGANESE

MANUFACTURERS NAME:

AGRO-K CORPORATION

ADDRESS:

8030 Main Street N.E.
Minneapolis, MN 55432-1844

TELEPHONE:

(763) 780-4116 / (800) 328-2418
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CAS NO.

00584-08-7

NIOSH/RTECS No.

TS7750000

COMMON SYNONYMS

Manganese and Phosphorous salt solution

PRECAUTIONARY LABELLING:

Warning! Harmful if swallowed. Causes irritation.

Avoid contact with eyes, skin, and clothing.

Keep in tightly closed container. Wash thoroughly after handling.

HAZARDOUS INGREDIENTS

Manganese Phosphite, Inorganic Phosphorous

PHYSICAL DATA

BOILING POINT

N/A

SPECIFIC GRAVITY

1.20

SOLUBILITY IN WATER

100% Soluble

pH

2.5-3.0

VAPOR DENSITY (AIR = 1)

N/A

EVAPORATION RATE

N/A

MELTING POINT

N/A

APPEARANCE AND ODOR

Amber liquid / odorless

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)

N/A

EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire.

REACTIVITY DATA

STABILITY

Stable

CONDITIONS TO AVOID:

Contact with acids and strong alkalis

INCOMPATIBILITIES:

Strong acids, alkalis cyanides and sulfides

HEALTH HAZARD DATA

TOXICITY:

unknown

EFFECTS OF OVEREXPOSURE:

Contact with skin or eyes may cause sever irritation or burns.

EMERGENCY AND FIRST AID PROCEDURES:

If swallowed do not induce vomiting. Drink large amounts of water and get medical attention. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. In case of skin contact, wash with plenty of soap and water. Remove and wash clothing. If inhaled, remove to fresh air.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear splash proof eye protection and rubber boots and gloves.
Dike area and contain spills and leaks to prevent discharge.
Dilute with water then neutralize cautiously with soda or sodium
bi-carbonate.

WASTE DISPOSAL METHOD:

Dispose in accordance with local, state and federal environmental
regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep in closed containers. Do not storage near combustible
material.

INDUSTRIAL PROTECTIVE EQUIPMENT

EYE/SKIN PROTECTION:

Safety glasses with side shields or goggles, uniform, rubber
gloves.