

POTASSIUM IODIDE, U.S.P.

MATERIAL SAFETY DATA SHEET

WESTAGRO[®]

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NFPA RATING: FIRE: 0 TOXICITY: 1 REACTIVITY: 0 SPECIAL:

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: POTASSIUM IODIDE, U.S.P. DOT CLASS: Not a hazardous material
PRODUCT NUMBER: 9003 HAZARD CLASS: N/A
PREPARED BY: GRA/STACEY COATS UN NUMBER: N/A PG: N/A
DATE CREATED: 7/29/97 GUIDE NUMBER: N/A
LAST REVISION: SHIPPING NAME: Feed preparation
SYNONYMS:

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name	CAS	OSHA PEL	ACGIH TLV	Weight %
Potassium Iodide	7681-11-0	None Established	None Established	99

SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT: N/A SPECIFIC GRAVITY: 1.46 to 1.60
VAPOR PRESSURE: N/A MELTING POINT: N/A
EVAPORATION RATE: N/A VAPOR DENSITY: N/A
POUNDS PER GALLON: density: 70-80 lbs/cu.f

SOLUBILITY IN WATER:
58.8 % w/w at 25 deg. C.

APPEARANCE AND ODOR:
Colorless or white granules, organoleptic.

SECTION IV - FIRE/EXPLOSION

FLASH POINT: Non-flamm ESTIMATED EXPLOSIVE LIMIT RANGE LEL: 0.00% UEL: 0.00%

FLASH POINT METHOD USED: N/A

EXTINGUISHING MEDIA:

Water

SPECIAL FIRE-FIGHTING PROCEDURES:

N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS:

May emit toxic fumes of iodine and potassium oxides with high heat.

SECTION V - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID:

N/A

INCOMPATIBILITY:

Oxidizers

HAZARDOUS DECOMPOSITION OR BY PRODUCTS

There are none under normal circumstances

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID:

N/A

SECTION VI - HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS

EYE CONTACT: May cause eye irritation on contact.

INHALATION: Avoid inhalation of dust, could cause irritation.

INGESTION: Moderately toxic if large quantity is ingested.

SKIN CONTACT: May cause skin irritation upon prolonged or repeated contact.

SIGNS AND SYMPTOMS OF EXPOSURE:

Prolonged exposure to iodides may cause skin rash, running nose, headache and irritation to mucous membranes.

AGGRAVATED MEDICAL CONDITIONS:

N/A

SUPPLEMENTAL HEALTH INFORMATION:

N/A

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: Flush with large amounts of water for at least 15 minutes. If irritation occurs, get medical attention.

INHALATION: Remove victim to fresh air.

INGESTION: Moderately toxic if large quantity is ingested. Promptly drink large quantities of water and get medical attention.

SKIN CONTACT: Flush with large amounts of water for at least 15 minutes. If irritation occurs, get medical attention.

SECTION VII - SPILL OR LEAK PROCEDURES

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

Flush to sewer or dispose of with refuse.

WASTE DISPOSAL METHOD:

Follow all federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in a cool, dry place. Protect from light.

OTHER PRECAUTIONS:

THOROUGHLY RINSE ALL MEASURING DEVICES AND STORE OUT OF REACH OF CHILDREN. Keep container tightly closed when not in use.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)

Recommended, NIOSH/MSHA-approved (or equivalent) respirator, if dust is generated.

VENTILATION:

Use only with adequate ventilation.

PROTECTIVE GLOVES:

Chemically resistant gloves are recommended.

EYE PROTECTION:

Safety glasses with side shields (or goggles) are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

N/A

WORK/HYGIENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

SECTION IX - ADDITIONAL INFORMATION

OTHER ADDITIONAL INFORMATION:

No information available at this time.

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.