MATERIAL SAFETY DATA SHEET

PRODUCT #: 20355-6
CAS #: 1312-81-8
NAME: LANTHANUM OXIDE, 99.99%
MF: LA2O3

IDENTIFICATION

TOXICITY HAZARDS

NO TOXICITY DATA AVAILABLE

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
CAUSES EYE AND SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

FIRST AID

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SPECIFIC GRAVITY: 6.510

PHYSICAL DATA

APPEARANCE AND ODOR
WHITE POWDER

FIRE AND EXPLOSION HAZARD DATA

NONCOMBUSTIBLE.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.
SPECIAL FIREFIGHTING PROCEDURES

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PRODUCT #: LA203
NAME: LANTHANUM OXIDE, 99.999%

--- FIRE AND EXPLOSION HAZARD DATA ---
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

--- REACTIVITY DATA ---

INCOMPATIBILITIES
STRONG ACIDS
STRONG OXIDIZING AGENTS
CARBON DIOXIDE
PROTECT FROM MOISTURE.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.

--- SPILL OR LEAK PROCEDURES ---

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
EVACUATE AREA.
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

WASTE DISPOSAL METHOD
bury in a landfill site approved for the disposal of chemical and hazardous wastes.

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---
WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
IRRITATING DUST.
KEEP TIGHTLY CLOSED.

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MATERIAL SAFETY DATA SHEET

PRODUCT #: LA203

NAME: LANTHANUM OXIDE, 99.999%

- - - PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE - - -

ABSORS CO2 FROM AIR.

HYDROSCOPIC

STORE UNDER NITROGEN.

STORE IN A COOL DRY PLACE.

LABEL PRECAUTIONARY STATEMENTS

IRRITANT

IRRITATING TO EYES AND RESPIRATORY SYSTEM.

KEEP TIGHTLY CLOSED.

HYDROSCOPIC

STORE UNDER NITROGEN.

ABSORS CO2 FROM AIR.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

DO NOT BREATHE DUST.

WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

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