

R & D NO. 14 (ALUMINUM WELDING POWDER FLUX)

MSDS Number

CKNQS

National Stock Number

3439-00-255-4576

Product Name

R & D NO. 14 (ALUMINUM WELDING POWDER FLUX)

Manufacturer

R AND D METALS AND CHEMICALS INC

Product Identification

Product ID: R & D NO. 14 (ALUMINUM WELDING POWDER FLUX)

MSDS Date: 05/13/1997

FSC: 3439

NIIN: 00-255-4576

Status Code: A

MSDS Number: CKNQS

Responsible Party

R & D METALS AND CHEMICALS INC

201C PERIMETER PARK

KNOXVILLE, TN 37922

US

Emergency Phone: 1-800-645-7476

Info Phone: 423-531-6065/800-645-7476

Cage: 56406

Contractor

TRIMAN INDUSTRIES INC

WEST BERLIN, NJ 08091

US

856-767-7154

Cage: 0ZBE8

Ingredients

POTASSIUM CHLORIDE

CAS: 7447-40-7

RTECS: TS8050000

OSHA PEL10 PPM

SODIUM CHLORIDE

CAS: 7647-14-5

RTECS: VZ4725000

OSHA PEL10 PPM

LITHIUM CHLORIDE

CAS: 7447-41-8

RTECS: OJ5950000

OSHA PEL2.5 PPM

SODIUM FLUORIDE

CAS: 7681-49-4

RTECS: WB0350000

OSHA PEL2.5 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 ORAL (RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:1. ACUTE OVEREXPOSURE: NAUSEA, VOMITING, ABDOMINAL PAIN, MUCOUS MEMBRANE IRRITATION AND DIARRHEA. 2. CHRONIC OVEREXPOSURE: NF

Explanation of Carcinogenicity:NONE.

Effects of Overexposure:ACUTE: NAUSEA, VOMITING, ABDOMINAL PAIN, MUCOUS MEMBRANE IRRITATION, DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING RESPIRATORY CONDITION.

First Aid

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR. EYES: FLUSH WITH WATER FOR 10 MINUTES. CALL PHYSICIAN. SKIN: WASH THOROUGHLY WITH WATER. INGESTION: IF PATIENT IS FULLY CONSCIOUS GIVE LARGE AMOUNTS OF WATER. O BTAIN MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Autoignition Temp:Autoignition Temp Text:NONE

Extinguishing Media:NOT NEEDED.

Fire Fighting Procedures:NORMAL CAUTION WHEN DEALING WITH CHEMICALS.

Unusual Fire/Explosion Hazard:CHLORIDE AND FLUORIDE FUMES.

Accidental Release

Spill Release Procedures:CLEAN UP PASTE AND FLUSH REMAINING MATERIAL WITH LOTS OF WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:KEEP CONTAINERS AWAY FROM EXCESSIVE HEAT.

Exposure Controls

Respiratory Protection:NIOSH APPROVED RESPIRATOR.

Ventilation:VENTILATION: YES; LOCAL EXHAUST/MECHANICAL (GENERAL): YES.

Protective Gloves:RECOMMENDED, NIOSH APPROVED.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:RUBBER APRON.

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND CLOTHING.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:T6

Melt/Freeze Pt:=-815.C, #####F

Spec Gravity:2.1 (WATER=1)

Solubility in Water:VERY SOLUBLE.

Appearance and Odor:WHITE ODORLESS POWDER.

Stability

Stability Indicator/Materials to Avoid: YES
WATER, BORON TRIFLUORIDE AND STRONG ACID.
Stability Condition to Avoid: MOIST CONDITIONS.
Hazardous Decomposition Products: CHLORIDE AND FLUORIDE FUMES.
Conditions to Avoid Polymerization: EXPOSURE TO WATER.

Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

Transport

Transport Information: NON-HAZARDOUS, NOT REGULATED.

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