

Distributed by

Rainbow Technology Corp.

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RTC Product #62505-62508

MATERIAL SAFETY DATA SHEET

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SECTION I - MATERIAL IDENTIFICATION

CHEMICAL NAME: Magnesium mixture **TRADE NAME** UNS Universal Neutralizing Sorbent
 Applies to all UNS series stock numbers

Used as a universal Acid/Base Neutralizer sorbent in Spill Control

CHEMICAL FAMILY: Inorganic

SECTION II - INGREDIENTS AND HAZARDS

Ingredient Name	CAS Number	IARC/NTP/OSHA
Magnesium Oxide	1309-48-4	NO
Magnesium Sulfate	141168-73-1	NO
Inert Buffers & Indicators		

SECTION III - PHYSICAL DATA

Boiling point (750 mm hg):	N/A	Specific gravity (H₂O = 1):	0.64-1.1
Vapor pressure at (mm HG.):	N/A	Evap. Rate:	N/A
Vapor density (Air = 1):	N/A	Volatiles, % by Volume:	0
Water Solubility:	31 - 35	Melting Point:	2100°C
Appearance & Odor:	White, Tan Powder	pH:	10-11

SECTION IV - FIRE AND EXPLOSION DATA

N.F.P.A. HAZARD INFORMATION LABEL

Flash Point: Non-Flammable **Autoignition Temp:** N/A
Flammability Limits In Air: LOWER = N/A / UPPER = N/A
Extinguishing media: Any Available medium, non-flammable as supplied
Special fire fighting procedures: N/A
Unusual fire and explosion hazards: N/A

Hazard Code 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Negligible	FLAMMABILITY	
	HEALTH	REACTIVITY
	SPECIAL	

SECTION V - HEALTH HAZARD INFORMATION

TLV: N/A

Signs/Symptoms of exposure: Irritation effects
Medical conditions which may be aggravated by contact: None known
Target organs: N/A
Primary entry route(s): Inhalation: Yes Skin: no
 Ingestion: No
Acute & chronic effects: none known
Carcinogenicity: NTP: No
 IARC Monographs: No
 OSHA regulated: No

HMIS : Hazardous Materials Identification System	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
Personal Protection Application Specific	

Safety Data Sheet (SDS)

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UNS Universal Neutralizing Sorbent**SECTION V: - HEALTH HAZARD INFORMATION - Continued****EFFECTS OF OVEREXPOSURE**

FIRST AID:

Eye contact: Flush eyes with water. Seek medical attention if necessary.

Skin Contact: Remove with soap and water.

Inhalation: Remove to fresh air. If needed, seek medical assistance.

Ingestion: If swallowed, wash out mouth with water. Seek medical attention.

SECTION VI - REACTIVITY DATA

Material is stable. Hazardous polymerization will not occur.

Chemical Incompatibility (Materials to Avoid): Interhalogens (bromine pentafluoride; chlorine trifluoride)
Incandescent reaction with phosphorus pentachloride

Hazardous Decomposition (By-Products): None

SECTION VII – SPILL, LEAK & DISPOSAL PROCEDURES

Spills, Leaks: (steps to be taken): Wear proper protective equipment; dry sweep; avoid dust production.
Maintain good housekeeping standards and procedures.

Waste Disposal Method: Observe all Federal, State, and Local laws concerning health and environment.

Storage & Handling Information: Store in a dry place.

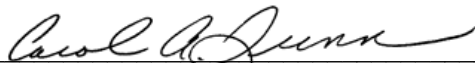
SECTION VIII - SPECIAL PROTECTION INFORMATION - (For acid spill cleanup)

Personal protective equipment:		Work Place Consideration:	
Goggles:	Chemical splash goggles/face shield	Ventilation:	As appropriate.
Gloves:	Chemical Resistant	Safety Station:	Yes
Respirator:	Use NIOSH/MSHA equivalent	Contaminated equipment:	Wash down with soap water after dry material has been removed.
Other:	Chemical splash apron or coveralls.		

SECTION IX - TRANSPORTATION

Department of Transportation: Non-Regulated

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Signed 

Carol Dunn, Managing Partner

Date: 03/14/2013

MSDS No. UNS