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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	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">Hazard Code</td></tr> <tr><td style="text-align: center;">4 = Extreme</td></tr> <tr><td style="text-align: center;">3 = High</td></tr> <tr><td style="text-align: center;">2 = Moderate</td></tr> <tr><td style="text-align: center;">1 = Slight</td></tr> <tr><td style="text-align: center;">0 = Negligible</td></tr> </table>	Hazard Code	4 = Extreme	3 = High	2 = Moderate	1 = Slight	0 = Negligible	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2" style="text-align: center;">FLAMMABILITY</td></tr> <tr><td style="text-align: center;">1</td><td style="text-align: center;">0</td></tr> <tr><td style="text-align: center;">0</td><td style="text-align: center;">1</td></tr> <tr><td style="text-align: center;">0</td><td style="text-align: center;">0</td></tr> <tr><td style="text-align: center;">HEALTH</td><td style="text-align: center;">REACTIVITY</td></tr> <tr><td colspan="2" style="text-align: center;">SPECIAL</td></tr> </table>	FLAMMABILITY		1	0	0	1	0	0	HEALTH	REACTIVITY	SPECIAL	
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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.

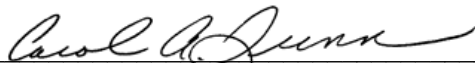
Storage & Handling Information: Store in a dry place.

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

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, WYK Sorbents, LLC extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for the consequences of its use.

Signed 

Carol Dunn, Managing Partner

Date: 03/14/2013

MSDS No. UNS