Material Safety Data Sheet

SECTION I

PRODUCT NAME OR NUMBER (AS IT APPEARS ON LABEL):

AR 2088 CATALYST

MANUFACTURER: Alpha Resources, Inc. TELEPHONE: 269-465-5559

P.O. Box 199

Stevensville, MI 49127

MANUFACTURER'S DUNNS NO. 08 383 8045

HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD

CLASSES, HAZARD ID NO:

CATALYST

CHEMICAL FAMILY: METAL OXIDES, METAL SULFIDES, HYDROCARBONS, AND ALUMINA BASE

FORMULA: N/A

SECTION II - INGREDIENTS (LIST ALL INGREDIENTS)

LISTED AS A
CARCINOGEN IN
NTP, IARC OR
OSHA 1910(Z)
SPECIFY

CAS REGISTRY NO. %W %V CHEMICAL NAMES

N/A

SECTION III - PHYSICAL DATA

Boiling point: N/A SPECIFIC GRAVITY = 2.5 TO 2.7 F

(WATER = 1)

% Volatile by volume: N/A

Vapor pressure: N/A

Percent solid(s) by weight % = 100%

Vapor density (air = 1): N/A

Evaporation rate: N/A

Solubility in water: INSOLUBLE pH N/A

Melting point: N/A

Material is Powder

Appearance and odor: BLACK, SLIGHT HYDROCARBON ODOR

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point: N/A

Flammable limits: LEL: N/A UEL: N/A

Extinguishing media: WATER, FOAM OR DRY CHEMICAL MAY BE USED ALSO CO2

Special fire fighting procedures: RESPIRATORY PROTECTION SHOULD BE USED TO PROTECT AGAINST POTENTIALLY TOXIC FLAMES.

Unusual fire and explosion hazards: MAY REACT WITH OXIDENTS AT TEMP. ABOVE 1200

SECTION V HEALTH HAZARD DATA

Threshold Limit Value: NOT ESTABLISHED

Permissible exposure limit: NOT ESTABLISHED

Other limit: N/A

Effects of overexposure: MAY CAUSE DISCOMFORT, COUGHINH AND SHORTNESS OF BREATH SKIN IRRITATION AND EYE IRRITATION. MAY CAUSE ALLERGY LIKE REACTION.

Primary routes of entry: Inhalation Skin Contact

Emergency and first aid procedures: EYES: FLUSH WITH WATER FOR 15 MIN, IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. SKIN: FLUSH EXPOSED AREA WITH WATER AND WASH WITH SOAP, IF IRRITATION CONTINUES, SEE PHYSICIAN.

SECTION VI REACTIVITY DATA

Stability: YES Conditions to avoid: EXTREME TEMP., CONTACT WITH OXIDENTS, ACIDS & CAUSTICS.

Incompatibility: (material to avoid)

Hazardous decomposition products: N/A

Hazardous polymerizations: N/A

Conditions to avoid: SAME AS ABOVE.

SECTION VII SPILL OR LEAK PROCEDURE

Steps to be taken in case material is released or spilled: EVACUATE NON ESSENTIAL PERSONNEL. CONTAIN AND CLEAN UP WITH SHOVEL. AVOID WASHING REMAINS INTO STORM DRAINS, ETC.

Waste disposal:

Comply with state, federal, and local regulations.

Reportable quantities in lbs.:

CERCLA N/A SARA N/A OTHER N/A

RCRA hazardous waste number(s): N/A

Volatile organic compounds (VOC) (as packaged minus water).

Theoretical (lbs/gal): N/A Analytical (lbs/gal): N/A

SECTION VIII SPECIAL PROTECTION

Eye protection: DUST OF CHEMICAL GOGGLES

Skin protection: PROTECTIVE GLOVES

Respiratory protection: NIOSH APPROVED MASK.

Ventilation Local Exhaust (specify rate): WELL VENTILATED AREA, LOCAL EXHAUST

Special: N/A

Requirements Mechanical (General) (Specify rate): N/A

Other: N/A

Other: N/A

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing and/or other precautions:

GOOD HOUSEKEEPING PRACTICES MUST BE PRACTICED, AVOID EXCESSIVE DUST ACCUMULATION.

SUPPLEMENTAL INFORMATION

The data and information as stated was furnished by the manufacturer/vendor &/or supplier of this product. Alpha Resources, Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.

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Prepared by: Ken Mantei