

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification


MANUFACTURER'S NAME: ABM/Organitec 936 N. Stadem Drive Ste 5 Tempe, AZ 85281 Safety Data Sheet Competent Person:	EMERGENCY TELEPHONE Chemtrec 24 hrs, USA: (800) 424-9300 Information: 480-921-3110 Fax: 480-921-3225 Customer Service bioman51@aol.com
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DATE PREPARED: August 27, 2014

REVISION DATE: December 29, 2015

PRODUCT NAME: **REUZIT**
 FORMULA: Preparation/Mixture
 PRODUCT USE: Water based cleaning concentrate designed to clean pitch, resin, and oil build up from your tooling and coated abrasives.

Section 2: Hazards Identification

GHS Hazard Class	Skin Corrosive Category 1	
Signal word:	Eye Corrosive Category 1	
Hazard Statement:	Danger	
Precautionary Statements:	Causes severe skin burns and eye damage	
	Causes serious eye damage	
	Do not breathe dusts or mists.	
	Wear protective gloves/protective clothing/eye protection/face protection.	
	Wash hands thoroughly after handling.	
	Wear eye protection/face protection.	
	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.	
	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
	Wash contaminated clothing before reuse.	
	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.	
	Immediately call a POISON CENTER or doctor/physician.	
	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.	
	Immediately call a POISON CENTER OR doctor/physician.	
Storage	Store locked up.	
Disposal	Dispose of contents/container by following the waste disposal requirements of your country, state, or local authorities.	

HAZARD CLASSIFICATION: Classified as hazardous based on IATA, IMO, and DOT.
 FIRE AND EXPLOSION: Not considered flammable or combustible.

POTENTIAL HEALTH EFFECTS: <0 % of mixture consists of ingredients of unknown acute toxicity

INGESTION: Toxic if swallowed
 INHALATION: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

SKIN CONTACT: May be harmful if absorbed through skin. Causes skin burns.
 EYE CONTACT: Causes eye burns. Causes severe eye burns.

SIGNS AND SYMPTOMS OF EXPOSURE: Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea

CHRONIC EFFECTS OF OVEREXPOSURE: None
APPEARANCE: Opalescent Red liquid

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
REUZIT	3	0	0	--

Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPRX %	ACGIH TLV	OSHA PEL	NIOSH REL	CAS NO.	EINECS/ELINCS	DANGER SYMBOL	RISK PHRASE	DSL CANADA
Inert Ingredient	>85	-----	-----	-----	-----	-----	-----	-----	-----
Caustic Potash	<10	2 mg/m3	2 mg/m3	2 mg/m3	1310-58-3	215-181-3	C+	R22, R35	Y
DPM	<2	100 ppm	100 ppm 600 mg/m3	100 ppm 600 mg/m3	34590-94-8	252-104-2	-----	-----	Y

Trade Secret (TS): Some items on this MSDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The complete list for all R phrases is shown in Section 16.

Section 4: First Aid Measures

INHALATION: Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

SKIN CONTACT: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

INGESTION: If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Section 5: Fire-fighting Measures

FLASH POINT: Not applicable

FLAMMABLE LIMITS IN AIR (% by vol): Not applicable

EXTINGUISHING MEDIA: None

SPECIAL FIREFIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material does not burn. Use extinguishing agent suitable for the type of surrounding fire.

Section 6: Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

- Wear proper protective equipment as specified in Section 8: Exposure Controls/Personal Protection
- Warn other workers of spill and contain spill.
- Recover spill by using absorbent and sweeping up waste material.
- In case of large spills, dike the spill, if possible. Call emergency services.
- Place material into a chemical waste container.
- Prevent spills or contaminated rinse water from entering sewers or watercourses.

Disposal method: disposal should be made in accordance with federal, state and local regulations as stated in Section 13.

Section 7: Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store upright at temperatures >40°F
 Keep container closed when not in use.
 Wear proper protective equipment and avoid contact with skin, eyes, or clothing.
 Wear proper protective equipment when handling this material.
 Avoid contact with skin, eyes or clothing.
 Wash hands after handling this material.
 Follow all applicable local regulations for handling and storage.
 Utilize chemical segregation.

INFORMATION ON EMPTIED CONTAINER

Dispose of this container according to local, state, and federal laws in your country.
 Do not reuse this container. This container may be hazardous when emptied.

SPECIFIC USES:

Water based cleaning concentrate designed to clean pitch, resin, and oil build up from your tooling and coated abrasives.

Section 8: Exposure Controls/Personal Protection

VENTILATION:

Always provide good general, mechanical room ventilation where this product is used.

SPECIAL VENTILATION CONTROLS:

Use this product material inside totally enclosed equipment, or use it with local exhaust ventilation at points where vapors can be released into the workspace air. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

RESPIRATORY PROTECTION:

Wear chemical impervious gloves at all times while working with this product. Recommended glove types include: Rubber, Laminate Film, Nitrile, or Tri-polymer. Check with your company's glove supplier to ensure chemical resistance.

PROTECTIVE GLOVES:

Safety Glasses, Chemical goggles, face shield

EYE PROTECTION:

PROTECTIVE CLOTHING:

Wear suitable protective clothing to prevent skin contact. Use of anti-static type aprons is recommended.

OTHER EQUIPMENT:

Make safety shower, eyewash stations, and hand washing equipment available in the work area.

WORK/HYGIENE PRACTICES:

Avoid breathing vapor. Avoid contact with eyes. Wash hands and face after handling.

Section 9: Physical and Chemical Properties

APPEARANCE - COLOR:

Opalescent Red

PHYSICAL STATE:

Liquid

ODOR:

Mild

PRODUCT CRITERIA

	PRODUCT CRITERIA
ODOR THRESHOLD	Not Available for product
PH	13
FLASH POINT:	150 °C Minimum (Open cup)
LOWER EXPLOSIVE LIMIT; UPPER EXPLOSIVE LIMIT	Not Available for product
FLAMMABILITY (Solid, gas)	Not Available for product
EXPLOSIVE PROPERTIES	Not Available for product
OXIDIZING PROPERTIES	Not Available for product
SPECIFIC GRAVITY (@25 °C):	1.05
EVAPORATION RATE:	Same as water
% VOLATILE by VOLUME	Not Applicable
PARTITION COEFFICIENT	Not Applicable
AUTO IGNITION TEMPERATURE	Not Applicable
DECOMPOSITION TEMPERATURE	Not Applicable



BOILING POINT:	>212 °F
MELTING POINT:	Not Applicable
VAPOR PRESSURE	Same as water
VAPOR DENSITY (AIR = 1)	Same as water
SOLUBILITY IN WATER:	Complete
WATER SOLUBILITY IN THE SOLVENT	Not Applicable
FREEZING POINT:	Same as water
VISCOSITY	Same as water
VOC CONTENT	Not Available for product

Section 10: Stability and Reactivity

STABILITY:	Stable
CONDITIONS TO AVOID:	None
INCOMPATIBILITY (MATERIALS TO AVOID):	Acids, chlorinated and fluorinated hydrocarbons
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide and Carbon monoxide
HAZARDOUS POLYMERIZATION:	Will not occur

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat):	273 mg/kg		KOH
	LD50 (Oral/Rat):	5152 mg/kg		DPM
Skin Corrosion/Irritation	Rabbit skin; Draize test	50 mg/24hour	Severe	KOH
	Rabbit	9500 mg/kg	Acute	DPM
Serious Eye Damage / Eye Irritation	Rabbit	24 hour	Mild	DPM
Respiratory or Skin Sensitization		No information is available.		
Germ Cell Mutagenicity		No information is available.		
Carcinogenicity		Not listed	NTP	
		Not listed	IARC	
		Not listed	OSHA	
Reproductive Toxicity		No information is available.		
STOST -- Single Exposure		No information is available.		
STOST -- Repeated Exposure		No information is available.		
Aspiration Hazard		No information is available.		

STOST = Specific Target Organ Systemic Toxicity

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

Section 12: Ecological Information

		Chemical
BIODEGRADATION:	No information is available.	
BIOACCUMULATION:	No information is available.	
ECO TOXICITY:	LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96 h	DPM
	EC50 - Daphnia magna (Water flea) - 1,919 mg/l - 48 h	DPM
MOBILITY:	No information is available.	

Note: Not all of the ingredients have been tested for Ecotoxicity.

Section 13: Disposal Considerations

WASTE FROM RESIDUES / UNUSED PRODUCTS:

Follow the waste disposal requirements of your country, state, or local authorities.

CONTAMINATED PACKAGING:

Contaminated packaging material should be disposed of as stated above for residues and unused product.

RINSATE: Do not dispose of rinse water containing product in a sanitary sewer system or storm water drainage system.

Section 14: Transport Information

ROAD TRANSPORT:

ADR = International Carriage of Dangerous Goods by Road

UN NUMBER:	UN 3266
DOT PROPER SHIPPING NAME	Corrosive Liquid, basic, inorganic, N.O.S. (Potassium hydroxide)
DOT / ADR HAZARD CLASS:	Corrosive
DOT / ADR LABELS:	Class 8
PLACARD:	Corrosive, Class 8
DOT / ADR PACKAGING GROUP:	III
HAZARD NUMBER – ADR:	UN 3266
ADR PROPER SHIPPING NAME:	Corrosive Liquid, basic, inorganic, N.O.S. (Potassium hydroxide)

SEA TRANSPORT: IMDG

PROPER SHIPPING NAME	Corrosive
UN NUMBER SEA	Corrosive Liquid, basic, inorganic, N.O.S. (Potassium hydroxide)
CLASS:	UN 3266
PACKING GROUP:	8
EmS No.:	III
MARINE POLLUTANT:	F-A, S-B
	No

AIR TRANSPORT: IATA/ICAO

UN NUMBER:	UN 3266
PROPER SHIPPING NAME	Corrosive Liquid, basic, inorganic, N.O.S. (Potassium hydroxide)
HAZARD CLASS:	8
PACKAGING GROUP:	III

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are listed on the TSCA Inventory.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material. The Section 313 toxic chemicals contained in this product are: None

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute. The California proposition 65 chemical(s) contained in this product are: None

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Florida Toxic Substance(s):	Potassium Hydroxide
Massachusetts's hazardous substance(s):	Potassium Hydroxide
Pennsylvania hazardous substance code(s):	Potassium Hydroxide
New Jersey	Potassium Hydroxide
Illinois	Not listed
Michigan	Not listed

CANADA:

This MSDS/SDS will be non-compliant 3 years after the issue date. This MSDS contains all of the information required by the Controlled Products Regulations (CPR).

WHMIS-INFORMATION:



Abrasive Belt Master

Established 1978

"The Leader in Coated Abrasive Cleaning Systems"

Part No. Reuzit
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR), SOR/88-66, current to February 20, 2012. The classes of controlled products listed in the CPR, Section 32, Part IV, have been reviewed and based on Professional Judgment this product has been determined to be WHMIS controlled.

Caustic Potash - D1B - Poisonous and infectious material - Immediate and serious effects - Toxic
E - Corrosive material

Dipropylene glycol monomethyl ether- B3 - Flammable and combustible material - Combustible liquid

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 67/548/EEC, Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.

Section 16: Other Information

European Community Hazards Identification:

- R: 35 Causes severe burns
- R: 22 Harmful if swallowed.
- S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S: 45 In case of accident or if you feel unwell, seek medical advice immediately
- S: 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Danger Symbol(s): C Corrosive
Xi Irritant

Revision Comments: Updated from September 26, 2012
Revision Number: 1
Information Sources: RTECS, REACH, OSHA 29CFR 1910.1200

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