

MARMAC SPECIALTY PRODUCTS

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **#1157 SPRAY ALL & ALL SAFE**

1. PRODUCT INFORMATION

SUPPLIER: As above
PRODUCT USE: Use for cleaning metal parts.
CHEMICAL IDENTITY: Mixture
CAS No. and NAME: Not applicable
FORMULA and M. Wt.: Not applicable

2. HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	CAS#	CONC.(W/W)	TOXICITY
Sodium Metasilicate	6834-92-0	30 - 70%	LD ₅₀ (Oral rat) = 800 mg/kg
Sodium Carbonate	497-19-8	10 – 30%	LD ₅₀ (Oral rat) = 2800 mg/kg
Tetra Sodium Salt of ETDA	64-02-8	1.0 – 5.0%	LD ₅₀ (Oral rat) = 8000 mg/kg
Tetra Sodium Pyrophosphate	7722-88-5	3.0 – 7.0%	LD ₅₀ (Oral rat) = 2980 mg/kg

3. PHYSICAL DATA

PHYSICAL STATE: Solid
APPEARANCE and ODOUR: No odor, white powder
ODOUR THRESHOLD: Not available
SPECIFIC GRAVITY: 2.10
VAPOUR PRESSURE: Not available
VAPOUR DENSITY: (Air = 1)>1
EVAPORATION RATE: Not available
BOILING POINT: Not available
FREEZING POINT: Not available
pH: 12.0 – 13.2 strongly alkaline
DENSITY (g/ml): Not available
WATER SOLUBILITY: Complete

4. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: Non combustible, non flammable.
MEANS OF EXTINCTION: Cool fire exposed surface with water or extinguishing foam.
FLASH POINT and METHOD OF DETERMINATION: Not applicable.
UPPER FLAMMABLE LIMIT: Not available
LOWER FLAMMABLE LIMIT: Not available
AUTO-IGNITION TEMPERATURE: Not available
HAZARDOUS COMBUSTION PRODUCTS : No data.
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: Not applicable
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: Not applicable

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable
INCOMPATIBLE SUBSTANCES: Strong acids and oxidizing materials.
CONDITIONS OF REACTIVITY: Not available
HAZARDOUS DECOMPOSITION PRODUCTS: No data

6. TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE:

EYE CONTACT: Brief contact with dust may cause irritation; greater contact causes burns.

SKIN CONTACT: Brief contact causes irritation, greater contact especially in the presence of moisture causes burns.

INHALATION: Causes severe burns to the mouth, throat and stomach.

INGESTION: Dust can cause burns to the respiratory tract if inhaled.

EFFECTS OF CHRONIC EXPOSURE: See "Acute exposure"

EXPOSURE LIMITS: Not applicable

IRRITANCY OF PRODUCT: Corrosive

SENSITIZATION TO MATERIAL: Not available

CARCINOGENICITY: None

REPRODUCTIVE TOXICITY: Not available

TERATOGENICITY: Not available

MUTAGENICITY: Not available

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not available

7. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Rubber, gloves respirator, safety shoes, rubber aprons.

ENGINEERING CONTROLS: Local exhaust ventilation is usually adequate.

HANDLING PROCEDURE and EQUIPMENT: Standard practices for chemicals.

STORAGE REQUIREMENTS: Keep away from heat, hot radiators, and do not freeze. Store in a cool place.

SPECIAL SHIPPING INFORMATION: Corrosive solids, NOS (Contains Sodium Metasilicate), Class 8, UN1759, PGIII.

PROCEDURES FOR HANDLING LEAKS OR SPILLS: Contain spill. Use absorbent.

WASTE DISPOSAL: Dispose of in accordance with all local, Provincial and Federal regulations.

8. FIRST AID MEASURES

EYES: Flush with water for at least 15 minutes holding lids apart. Seek medical attention.

SKIN: Wash skin thoroughly with water. Seek medical attention if irritation develops.

INHALATION: Remove to fresh air. Seek medical attention.

INGESTION: Give two glasses of water. Seek medical attention.

Date: January 1, 2018

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