

PUNATI CHEMICAL CORP.
MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME OR NUMBER (as it appears on label) Spot Master		COMMON CODE NA (Not Applicable)	
MANUFACTURER'S NAME Punati Chemical Corp.		EMERGENCY TELEPHONE NO. Punati Chemical 248-276-0101 FAX 248-276-0103	
ADDRESS (Number, City, State and Zip Code) 1160 N. Opdyke Rd. Auburn Hills, MI 48326		MANUFACTURER'S NO. NA	
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172-101) Non-Hazardous			
ADDITIONAL HAZARD CLASSES (as applicable) NA		PREPARED BY Lou Calabris	TITLE General Manager
CHEMICAL FAMILY Phosphate salts	FORMULA Proprietary Mixture	EFFECTIVE DATE 1/1/2006	REVISION NO. REVISION DATE

SECTION II-INGREDIENTS

CAS REGISTRY NO.	%WT	Chemical Ingredients	Exposure Limits (ppm)			OSHA 1910(z) (specify)
			ACGIH TWA	STEL	TWA	
		NON-HAZARDOUS INGREDIENTS ONLY				

SECTION III-PHYSICAL DATA

BOILING POINT 185-190°F	SPECIFIC GRAVITY (H20=1) 0.99	MELTING POINT 120°F
VAPOR PRESSURE Vapor as Water	PERCENT VOLATILE BY VOLUME (%) N/A	PERCENT SOLIDS BY WEIGHT 8-14
VAPOR DENSITY (AIR=1) Vapor as Water	EVAPORATION RATE (=1) N/A	
SOLUBILITY IN WATER Partially Solid	pH= 9.5 10.5	
APPEARANCE AND ODOR White solid with pleasant soap odor	MATERIAL TYPE: Solid	

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 200°F	Method Used CC	FLAMMABLE LIMITS	LEL N/A	UEL N/A
EXTINGUISHING MEDIA Carbon Dioxide, Foam, Dry Chemicals				
SPECIAL FIRE FIGHTING PROCEDURES Wear positive-pressure self-contained breathing apparatus (SCBA) and protective clothing in fire conditions.				
UNUSUAL FIRE AND EXPLOSION HAZARDS When dry product burns, water, carbon dioxide, carbon monoxide, and smoke are produced.				

SECTION V-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE-Conditions to Avoid May cause mild eye irritation	THRESHOLD LIMIT VALUE PERMISSIBLE EXPOSURE LIMIT	See Section II See Section II
APPROPRIATE EXPOSURE GUIDELINES Not Established	MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None Known	
PRIMARY ROUTES OF ENTRY Inhalation _____ Skin Contact <u>xx</u> Other (specify) _____.		
EMERGENCY AND FIRST AID PROCEDURES Eye - Flush eye(s) with continuous flow of water for at least 15-minutes. Seek medical assistance if irritation persists. Skin - Wash affected area(s) thoroughly with soap and water. Consult a physician if irritation develops. Ingestion - If swallowed, seek immediate medical attention.		

SECTION VI-REACTIVITY DATA

STABILITY UNSTABLE STABLE XX	CONDITIONS TO AVOID Excessive heat and open flame	
	INCOMPATIBILITY (materials to avoid) Strong oxidizing agents, strong acids, and bases.	
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may yield carbon monoxide, carbon dioxide.		
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL NOT OCCUR	Conditions to Avoid None Known
		XX

SECTION VII-SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED If liquid: Contain spill. Absorb on sorbant media and place in appropriately labeled waste containers. Residue may be washed with warm water.		
WASTE DISPOSAL METHOD Dispose of waste material in accordance with local, state and federal regulations.		
CERCLA (Superfund) REPORTABLE QUANTITY (lb.) N/A		
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) N/A		
NFPA RATINGS Not Determined		

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Melted State: Not required under normal conditions in a well-ventilated workspace. If ventilation is inadequate for high vapor concentrations, a respirator with an organic vapor cartridge is recommended.		
Ventilation	LOCAL EXHAUST (Specify Rate) Recommended	SPECIAL None
	MECHANICAL (General) (Specify Rate) Fan	OTHER
PROTECTIVE GLOVES (Specify type) None	EYE PROTECTION (Specify type) None	
OTHER PROTECTIVE EQUIPMENT Apron (at risk of splash), eye wash.		

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING Store product at moderate temperatures, 40°F-90°F.	
OTHER PRECAUTIONS Store in a cool place. Keep away from children. Contents may liquify in temperatures above 120°F. Will resolidify without impairing efficiency of product.	

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