

ACCURATE MANUFACTURED PRODUCTS GROUP, INC.

MATERIAL SAFETY DATA SHEET

EMERGENCY NUMBER: 317.472.9000

8090 Woodland Drive Indianapolis, Indiana 46278

Prepared By: Melissa McCombs Date: January 28, 2015

Effective: January 1, 2015 – December 31, 2015

SECTION I – PRODUCT INFORMATION

PRODUCT NAME –GRANITE SURFACE PLATE CLEANER

PRODUCT TYPE – CLEANER

DOT Hazard Classification: NON HAZARDOUS

SECTION II – HAZARDOUS INGREDIENTS

COMPONENTS	CAS #	%	OSHA PEL	ACGIH TLV	CARCINOGEN REF. SOURCE*
Dipropylene Glycol Monomethyl Ether	34590-94-8	5-10	100ppm	100ppm	N/E
Sodium Metasilicate Anhydrous	6834-92-0	1-5	N/E	N/E	N/E
Tetrasodium Salt of EDTA	13235-36-4	1-5	N/E	N/E	N/E

SECTION III – PHYSICAL DATA

Physical State: Thin Liquid	Color: Clear	Odor: Spearmint
Specific Gravity: 1.0435	pH: 12.5	V.O.C.: 8.6% by weight
Boiling Point: >212°F	Vapor Pressure: 20 mm HG	Max.
Vapor Density: >1	Evaporation Rate: <1	Solubility in Water: Soluble

SECTION IV – FIRE & EXPLOSION HAZARD

Flammability: Non-Flammable	Auto Ignition Temperature: N/E
Flammability Limits in Air by % in Volume: Lower - N/A Upper - N/A	Flash Point (non-aerosols): 170°F (TCC)
Extinguisher Media: Foam, Dry Chemical, Carbon Dioxide, Water.	Special Fire Fighting Procedures: Self-contained breathing apparatus.
Unusual Fire & Explosion Hazard: Toxic fumes may be emitted if material is exposed to extreme temperatures.	

SECTION V – REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: Will Not Occur	Incompatibility (Materials To Avoid): Very Strong Oxidizing Agents
Conditions to Avoid: Keep away from heat or open flame.	Hazardous Decomposition Products: Smoke, Carbon Monoxide, Carbon Dioxide & other toxic fumes.	

SECTION VI – HEALTH HAZARD DATA

Primary Routes of Entry:									
Inhalation	X	Skin	X	Eye	X	Ingestion	-	Not Hazardous	
Acute Effects: None Known.				Chronic Effects: None Known.					
Inhalation: Prolonged Exposure to vapors can cause headache, dizziness, & loss of Coordination. Vapor/Mist may result in irritation to the entire respiratory tract.									
Skin Absorption: Prolonged or repeated contact may cause skin irritation.					Eye: May cause severe irritation stinging, pain. Redness & tearing.				
Ingestion: May result in Gastrointestinal Irritation, Headache, Nausea, Vomiting, & Diarrhea									
Medical Conditions Generally Aggravated by Exposure: None Known.									

SECTION VII – FIRST AID PROCEDURES

Inhalation: Remove person to fresh air. Give Oxygen or CPR if not breathing. Get medical attention.
Skin: Wash thoroughly with soap and plenty of water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.
Eye: Remove contact lenses. Flush eyes with water for 15 minutes. Get medical attention if needed.
Ingestion: Give large volume of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION VIII – PERSONAL PROTECTION

Respiratory: None required with good ventilation.	Gloves: Neoprene or Rubber Gloves	Eye: Safety Glasses or Goggles	Other: None if used as directed.
Ventilation: Good ventilation should be maintained. Local Exhaust for normal conditions, Mechanical Vent for area being applied.			
Hygienic Work Practices: Do not mix with other chemicals. Toxic fumes may be emitted.			

HMIS RATING		NFPA RATING	
Health	1	Health	1
Flammability	0	Flammability	0
Physical Hazard	0	Instability	0
Personal Protection	B	Special	0

*see the legend below

SECTION IX – ACCIDENTAL RELEASE PROCEDURES

Wear recommended personal protection equipment.
Spills are Slippery. Dike and contain with inert absorbent material. Collect for disposal.
Abide by Federal, State, and Local Regulations for disposal.

SECTION X – HANDLING AND STORAGE

Store in a cool, dry, well-ventilated area away from spark, heat and open flame.
Do not destroy or deface the label. Keep out of reach of children.

SECTION XI – DISPOSAL CONSIDERATIONS

Incinerate at approved facility in accordance with the Federal, State, and Local Regulations.

SECTION XII – ECOLOGICAL DATA

BIODEGRADABILITY: The surfactant system and solvents used in this product are readily biodegradable. The chelators may form insoluble salts which precipitate out of solution. They are otherwise non-reactive with biological systems.
ECOTOXICITY: No Data Available.

SECTION XIII – TOXICOLOGICAL DATA

ANIMAL TOXICITY: No Data Available.	
CARCINOGENICITY CLASSIFICATION: (Hazardous components present @ 0.1% or more)	
IARC – International Agency for Research on Cancer	Not Listed
NTP - National Toxicology Program	Not Listed
OSHA - Occupational Safety and Health Administration	Not Listed

SECTION XIV – REGULATORY INFORMATION

SARA 313: Not Listed
SARA 311,312: Not Listed.
TSCA (Toxic Substances Control Act): Components in this product are listed in TSCA Inventory.

SECTION XV – DOT HAZARD CLASSIFICATION

NON-HAZARDOUS

SECTION XVI – OTHER INFORMATION

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; It is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial, and Local laws. The following specific information is made for the purpose of complying with numerous Federal, State or Provincial, and Local laws and regulations. See other sections for health and safety information.

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LEGENDS			
HMIS RATING	NFPA RATING	PERSONAL PROTECTION	
0 Minimal	0 Minimal	A	Safety Goggles
1 Slight	1 Slight	B	Safety Goggles/Gloves
2 Moderate	2 Moderate	C	Safety Goggles/Gloves/Apron
3 Serious	3 Serious	D	Face Shield/Gloves/Apron
4 Severe	4 Severe	E	Safety Goggles/Gloves/Resperator

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MATERIAL SAFETY DATA SHEET

Granite Surface Plate Cleaner

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

NFPA Rating Explanation Guide

HEALTH HAZARD	FLAMMABILITY HAZARD
4 = Can be lethal 3 = Can cause serious or permanent injury 2 = Can cause temporary incapacitation or residual injury 1 = Can cause significant irritation 0 = No hazard	4 = Will vaporize and readily burn at normal temperatures 3 = Can be ignited under almost all ambient temperatures 2 = Must be heated or high ambient temperature to burn 1 = Must be preheated before ignition can occur 0 = Will not burn

PHYSICAL HAZARD

4 = May explode at normal temperatures and pressures

3 = May explode at high temperature or shock

2 = Violent chemical change at high temperatures or pressures

1 = Normally stable. High temperatures make unstable

0 = Stable

SPECIAL HAZARD

ALX = Alkaline
 ACID = Acidic
 COR = Corrosive
 OX = Oxidizing
 R = Radioactive
 W = Reacts violently or explosively with water
 WOX = Reacts violently or explosively with water and oxidizing

This chart for reference only - For complete specifications consult the NFPA 704 Standard

Hazardous Materials Identification System

HAZARD INDEX

4 Severe Hazard
 3 Serious Hazard
 2 Moderate Hazard
 1 Slight Hazard
 0 Minimal Hazard

PERSONAL PROTECTION INDEX

A Safety Glasses
B Safety Glasses + Gloves
C Safety Glasses + Gloves + Apron
D Safety Glasses + Gloves + Apron + Eye Protection
E Safety Glasses + Gloves + Apron + Eye Protection + Respirator
F Safety Glasses + Gloves + Apron + Eye Protection + Respirator + Full Face Respirator

G Safety Glasses + Gloves + Apron + Eye Protection + Respirator + Full Face Respirator + Airline Hood or Mask
H Safety Glasses + Gloves + Apron + Eye Protection + Respirator + Full Face Respirator + Airline Hood or Mask + Synthetic Apron
I Safety Glasses + Gloves + Apron + Eye Protection + Respirator + Full Face Respirator + Airline Hood or Mask + Synthetic Apron + Full Suit
J Safety Glasses + Gloves + Apron + Eye Protection + Respirator + Full Face Respirator + Airline Hood or Mask + Synthetic Apron + Full Suit + Vapor Respirator
K Consult your supervisor or S.O.P. for special handling directions
X Consult your supervisor or S.O.P. for special handling directions

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