

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Pickle-It			[WHMIS Classification] H 319	
Product Use Removing fire scale from assorted metals				
Manufacturer's Name Katie Baum Designs		Supplier's Name Katie Baum Designs		
Street Address 1507 Heidorn Ave		Street Address 1507 Heidorn Ave		
City Westchester	Province IL	City Westchester	Province IL	
Postal Code 60154	Emergency Telephone 630-670-1700	Postal Code 60154	Emergency Telephone 630-670-1700	
Date MSDS Prepared 09/29/2021	MSDS Prepared By K Baum	Phone Number 630-670-1700		

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
Citric Acid Anhydrous	96.85	77-92-9	Not Classified	Not Classified
Zeothix 265	1.94	Not Classified	Not Classified	Not Classified
Sodium Bicarbonate	0.97	144-55-8	Not Classified	Not Classified
Iodized Table Salt	0.24	7647-14-5	Not Classified	Not Classified

Classification (Reg. (EC) No 1272/2008) Eye irritation, Category 2, H319: Causes serious eye irritation Classification (67/548/EEC, 1999/45/EC) Irritant R36: Irritating to Eyes

Emergency
Overview

WHMIS Symbols]

Warning

Potential Health Effects

Causes eye irritation, category 2 H319: Causes Serious Eye Irritation.

Precautionary statements: Prevention: P264, P280 Wash skin thoroughly after handling. Wear protective gloves/eye protection/face protection.

Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention.

SECTION 3 — HAZARDS IDENTIFICATION

SECTION 4 — FIRST AID MEASURES

Skin Contact

Immediately flush skin with large amounts of water.

Eye Contact

Remove contact lenses. Rinse immediately with plenty of water, also under eyelids.

Inhalation

Move person to fresh air.

Ingestion

Drink plenty of water. If swallowed DO NOT induce vomiting.



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SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction Water spray, dry powder, foam, carbon dioxide CO2		
Flashpoint (° C) and Method	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products		
[NFPA]		
Leak and Spill Procedures		
5,2 and 5,3 information		

Handling Procedures and Equipment:

Avoid creating dust. Do not breathe dust. Avoid contact with skin and eyes. Normal measures for preventative fire protection, fire and explosion.
Dust explosion Class – St 1

Storage Requirements:

Requirements for storage areas and containers: Keep in an area equipped with acid resistant flooring. Keep container tightly closed in a dry and well-ventilated place. **Further information on storage conditions:** Do not store at temperatures above 30 C / 86 F. **Advice on common storage:** Incompatible with strong bases and oxidizing agents. **Other data:** No decomposition if stored and applied as directed.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

SECTION 7 — HANDLING AND STORAGE

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits NONE	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
<input type="checkbox"/> ACGIH TLV		
Specific Engineering Controls (such as ventilation, enclosed process)		
Provide adequate ventilation		

Personal Protective Equipment	X Gloves	X Respirator	X Eye	<input type="checkbox"/> Footwear	<input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type					
Safety glasses - Safety gloves for protection against chemicals - Respirator with appropriate filter - half mask with a particle filter. P2 (EN 143)					

Avoid dust formation

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odour and Appearance	Odour Threshold (ppm)
Powder	Odourless/crystalline	
Specific Gravity	Vapour Density (air = 1)	Vapour Pressure (mmHg)
192,13 g/mol	1.665 g/cm ³	
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
	Ca, 153 C	
pH	Coefficient of Water/Oil Distribution	[Solubility in Water]
1,8 at 5% 25 C	Log Pow: - 1,72 log Pow: - 1,8- -0,2 calculated	Ca, 800 g/at 20 C

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability	XYes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances	XYes <input type="checkbox"/> No	If yes, which ones?
Strong Bases Oxidizing Agents		
<p>Reactivity, and under what conditions? No decomposition if stored and applied as directed.</p>		
<p>Hazardous Decomposition Products Build – up of dangerous/toxic fumes possible in cases of fire/high temperatures.</p>		

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure
No information available
Effects of chronic exposure

No information available	
Irritancy of Product	
Skin sensitization No skin irritation or sensitization	Respiratory sensitization
Carcinogenicity-IARC None	Carcinogenicity - ACGIH None
Reproductive toxicity None	Teratogenicity None
Embrototoxicity In Vivo tests did not show mutagen effects	Mutagenicity None
Name of synergistic products/effects Not known	

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SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] Known none

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal Where possible recycling is preferred. Can be landfilled or incinerated, when in compliance with local regulations.

Special Shipping Information	Not dangerous goods
Not dangerous goods	Not hazardous material
Not dangerous goods	Not hazardous material

SECTION 14 — TRANSPORT INFORMATION
SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification] <i>Class E</i>	[OSHA]
[SERA] Not considered hazardous	[TSCA] On TSCA Inventory
<i>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.</i>	

SECTION 16 — OTHER INFORMATION

HMIS* Rating Health = 1, Fire = 0, Reactivity = 0
0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = severe
*Hazardous Materials Identification System of the National Paint and Coating Association.