



## Spartan Chemical Company, Inc. Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**TRAY BRITE PLUS**

Product Number: 3087

Product Division:

**Special Order**

**Spartan Chemical Company, Inc.**  
1110 Spartan Drive  
Maumee OH 43537

Product/Technical Information: **1-(800)-537-8990**  
Medical Emergency: **1-(888)-314-6171 (24 hours)**  
Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: Non-Hazardous Products

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal	<b>Health:</b> 1- Slight <b>Fire:</b> 0 - Minimal <b>Reactivity:</b> 0 - Minimal <b>Pers. Prot. Equip.:</b> See Section VIII

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Water	70-80	7732-18-5	Not Established	Not Established	Not Established	No
Detergent polymer	15-20	68479-09-4	Not Established	Not Established	Not Established	No
Anionic polymer	5-10	Proprietary	Not Established	Not Established	Not Established	No
Chelating agent	1-5	51981-21-6	Not Established	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: 212 °F	Vapor Pressure: Not determined
Vapor Density (AIR = 1): Unknown	Solubility in Water: Complete
pH: 8.5-9.0	Specific Gravity (H <sub>2</sub> O=1): 1.200
Evaporation Rate (but.ace.=1): <1	Percent Solid by Weight: 20-30
Physical State: Liquid	
Appearance & Odor: Clear liquid, mild odor	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: > 212°F	Method Used: ASTM-D56
Flammable Limits: Not Established	Flame Extension: N/A
Extinguishing Media: Product does not support combustion. Use extinguishing media appropriate for surrounding fire.	
Special Fire Fighting Procedures: Wear NIOSH approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.	
Unusual Fire & Explosive Hazards: Combustion products are toxic.	

**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value:	Not Established	Primary Routes of Entry:	Inhalation, Skin Contact, Eyes; Oral
Effects of Overexposure:	<b>Causes mild eye irritation :</b> Symptoms may include pain, redness, swelling and tearing		
Conditions to Avoid:	<b>May cause skin irritation :</b> Symptoms may include pain and redness. <b>May be harmful if swallowed :</b> Symptoms may include nausea, vomiting, pain and diarrhea. <b>Inhalation of product mist may cause respiratory irritation:</b> Symptoms may include nasal discomfort and coughing. <b>Avoid contact with eyes, skin or clothing. Do not swallow. Avoid breathing product mist. Wash thoroughly after handling .</b>		
Conditions Aggravated by Use:	Use of this product may aggravate preexisting skin; eye and respiratory disorders including asthma and dermatitis.		
<b>Emergency &amp; First Aid Procedures :</b>			
Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.		
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists. Wash contaminated clothing before reuse.		
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.		
Inhalation:	Move person to fresh air. Get medical attention if irritation persists.		

**SECTION VI: REACTIVITY DATA**

Stability:	Stable	Incompatible Materials:	Strong oxidizers
Hazardous Decomposition Products:	None known	Hazardous Polymerization:	Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Dike and contain spill with inert material (sand, earth, commercial absorbent, etc.) and transfer to containers for disposal. Rinse area with water and flush to sanitary sewer. Keep spill out of storm sewers and waterways.
Waste Disposal Method:	Assure conformance with federal, state and local regulations.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required when good general ventilation is provided. However, if exposure limits (see Section II) are exceeded or respiratory irritation occurs, use of a NIOSH approved respirator suitable for the use-conditions and chemicals in Section II should be considered.
Ventilation:	Provide good general ventilation. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	None required with intended use.
Eye Protection(Specify Type):	None required with intended use.
Other Protective Equipment:	See 29 CFR 1910.132-138 for further guidance.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Keep out of reach of children.
Other Precautions:	Keep from freezing

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Ref: 29 CFR 1910.1200 (OSHA)	Changes:	Formula Revision		

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