

MATERIAL SAFETY DATA SHEET

Manufactured By: Warsaw Chemical Co., Inc. 390 Argonne Road Warsaw, IN 46580 (574) 267-3251	Effective 06/11/1996 Product Number 29765 Emergency Phone # 1-800-548-3396 (24 hours daily)	Distributed by: Great Western Products P.O. Box 466 Hollywood, AL 35752 (256) 259-3578 (8am-4pm Central)
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52748 Outside Kettle Cleaner

SECTION I IDENTIFICATION

Product name	Great Western Products Orange Tuff		
Product number	29765		
Chemical family	Blend of Surfactants, petroleum distillates		
Formula	46-195-5		
Hazardous rating system via HMIS			
Health = 1	Flammability = 0	Reactivity = 0	Personal Protection = A

SECTION II HAZARDOUS INGREDIENTS

Ingredient	N/E	TLV	% (units)
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SECTION III PHYSICAL DATA

Appearance & Odor	yellow viscous liquid, orange scent
Boiling point	169 degrees f.
Melting / freezing point	23 degrees f.
Vapor pressure (MM HG)	N/E
Vapor density (air=1)	N/E
Evaporation rate (n-butylacetate=1)	N/E
Specific gravity (water =1)	0.941
PH	8.0
Solubility in H2O	complete
% volatile by volume	N/E
Heat of Solution	N/E

SECTION IV FIRE AND EXPLOSION DATA

Flashpoint (method used)	Nonflammable
Lower Explosion Limit	N/A
Upper Explosion Limit	N/A
Extinguishing Media	Use appropriate extinguishing media for the surrounding fire.
Special Fire Fighting Procedures	Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.
Unusual fire and explosion hazards	None

SECTION V SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage	
Other Precautions	N/E

N/A = NOT APPLICABLE

N/E = NONE ESTABLISHED

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SECTION VI HEALTH HAZARD DATA

Threshold Limit Value	Not established
Overexposure effects/comments	None known
EMERGENCY & FIRST AID PROCEDURES	
Ingestion	Give milk or water to dilute. Induce vomiting. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!!
Inhalation	Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.
Eyes	Immediately flush with water for at least 15 minutes while keeping eyelids open. Get medical attention if irritation persists.
Skin (dermal)	Wash with plenty of soap and water. Wash contaminated clothing before re-use. Get medical attention if irritation persists.

SECTION VII REACTIVITY DATA

Stability	Stable
Hazardous Polymerization	No
Incompatibility (Mat. to avoid)	None Known
Hazardous Decomposition Prod.	None Known
Conditions to avoid	None Known

SECTION VIII SPILL OR LEAK PROCEDURES

Wear necessary personal protective equipment. Dike area to prevent spreading of spilled material. Cover with an inert absorbent, shovel into appropriate containers and dispose of in accordance with federal, state, and local regulations. 50056-1 50056-2

SECTION IX SPECIAL PROTECTION INFORMATION

Respiratory Protection	N/A
Ventilation	N/A
Special	N/A
Protective Gloves	N/A
Eye Protection	N/A
Other Protective Equipment	Eyewash and shower for emergency use should be located in the working area.

SECTION X INFORMATION SOURCES

This information provided by: Warsaw Chemical Co., Inc. 574-267-3251

Information on this form is furnished solely for the purpose of compliance with OSHA's 'HCA' and shall not be used for any other purpose.

256-259-3578
Great Western Products Co., Inc.
P.O. Box 466
Hollywood, AL 35752

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SECTION XI EMPTY CONTAINER INFORMATION

Any disposal practices must be in compliance with federal, state, and local laws.
Any questions regarding disposal should be directed to the proper government agency.

SECTION XII TRANSPORTATION REQUIREMENTS

DOT Classification	Not regulated
Proper Shipping Name	Not regulated
UN# -OR- NA#	N/A

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