

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

**Occupational Safety and Health Administration
Form Approved
OMB No. 1218-0072**

IDENTITY (As Used on Label and List)	Item #464 09 014 00 - Case of 12 quarts
Grime Buster Concentrated Citral Solvent Cleaner/Degreaser	
Section I	
Illinois Correctional Industries 1301 Concordia Court P.O. Box 19277 Springfield, IL 62794-9277	Emergency Telephone Number In case of poisoning, call your poison control center at 1-800-222-1222 Telephone Number for Product Information 1-800-634-0213
	Date Prepared 02/23/10

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components	CAS No.	ACGIH TLV	TITLE III, SECT.313	Wt. %
Citrus Terpenes	94266-47-4			

NE = none established

Section III -- Physical/Chemical Characteristics

Boiling Point	200° F	Specific Gravity (H ₂ O = 1)	1.04 +/- 0.008
Vapor Pressure (mm Hg)	not determined	Melting Point	N/A
Vapor Density (Air = 1)	not determined	Evaporation Rate (vs. H ₂ O)	about the same

Solubility in Water

Appearance and Odor Clear, colored liquid with citrus odor.

Section IV -- Fire and Explosion Hazard Data

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Flash Point (Method Used)	none to boiling (T.C.C.)	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	Product is non-combustible. Water spray (fog), Dry chemical, CO ₂ or foam may be used				
Special Fire Fighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.				
Unusual Fire and Explosion Hazards	None				

Section V -- Reactivity Data

Stability	Product is stable under normal conditions	Unstable		Conditions to Avoid	Strong Acids, Oxidizers
		Stable	yes		

Incompatibility (Materials to Avoid) Mix only with Water. **DO NOT MIX** with chlorinated detergents or sanitizers.

Burning may produce oxides of carbon and other substances

Exposure may produce smoke or carbon and other substances			
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur		

Inhouse MSDS# 115

#464 09 014 00

Section VI -- Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	X	Ingestion?	X	Eyes?	X
Health Hazards (Acute and Chronic)	Irritant: Eyes, Skin, Mucous Membranes, Central Nervous System and Respiratory System.						

Carcinogenicity	None Known	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
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Signs and Symptoms of Exposure	(Acute) Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. Ingestion may cause nausea, abdominal discomfort, vomiting and diarrhea & mucosal irritation.	(Chronic) Repeated contact may cause allergic skin reaction.
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Medical Conditions Generally Aggravated by Exposure	Due to its defatting properties this product may exacerbate an existing dermatitis.
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Emergency and First Aid Procedures	If swallowed get medical attention. If in eyes or skin immediately flush with water for 15 minutes, get medical attention.
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Section VII -- Emergency and First Aid Procedures

Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately

Skin: Wash affected areas with large amounts of soap and water. If irritation persists call physician.

Ingestion: Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

Inhalation: Not an expected route of exposure. If vapors or mist cause irritation, remove subject to fresh air.

Section VIII -- Special Protection Information

Respiratory Protection (Specify Type)	Not required under normal use conditions with good general ventilation.		
Ventilation	Local Exhaust	N/A	Special N/A
	Mechanical (general)	N/A	Other N/A

Protective Gloves	Rubber / PVC	Eye Protection	Safety Glasses / Goggles
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Other Protective Clothing or Equipment	Protective clothing appropriate to minimize contact during specific operations. Protect against generated mists/spray back.
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Section IX -- Spill or Leak Procedures

Steps to be taken in Case Material is Released or Spilled Do not touch or walk through spilled material.

Stop leak if you can without risk. Dike ahead of large spills to prevent run-off.

Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle or proper disposal.

Waste Disposal Method Dispose in accordance with Local, State or Federal Regulations

Section X - Storage and Handling Information

Precautions to Be Taken in Handling and Storing Protect from freezing. Keep away from sparks and open flame.

Keep container closed when not in use. Wash thoroughly after handling.

D.O.T. Classification: Not Regulated

HMIS	HEALTH	1
HAZARD	FLAMMABILITY	0
RATING	REACTIVITY	0
	PERSONAL PROTECTION	X

- 0 - LEAST
- 1 - SLIGHT
- 2 - MODERATE
- 3 - HIGH
- 4 - EXTREME