

Material Safety Data Sheet

Wallover Oil Company

Manufacturer

21845 Drake Rd.

Address

Strongsville, Ohio 44149

(440) 238-9250

Phone Number (For Information)

(330) 385-9336

Emergency Phone Number

WS 8590, WS 8590C

Identity (Trade Name As Used On Label)

SY8590, -C

MSDS Number *

CAS Number*

01/02/08

Date Prepared

Eric Kielts

Prepared By*

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%*	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Triethanolamine	<5		5mg/m3	
Monoethanolamine	<5	3 ppm	3 ppm	STEL 6 ppm
Non-Hazardous Ingredients	bal.			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Pt	Initial ~ 212° F	Specific Gravity (H2O = 1)	1.04
Vapor Pressure (mm)	N.D.	Melting Pt	N.A.
Vapor Density (Air=1)	N.D.	Evaporation Rate (water =1)	N.D.
Solubility in Water	Complete	Water Reactive	No

Appearance and Odor Transparent liquids. WS 8590 is blue. WS 8590C is light yellow.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point & Method Used	N.A.	Flammability Limits in Air, % by Volume			
Extinguisher Media	Foam, dry chemical or CO2 preferred	LEL	N.A.	UEL	N.A.
Special Fire Fighting Procedures	Product generally will not burn.				

Unusual Fire and Explosion Hazards Product boils and foams excessively when heated above 200° F.

*Optional

N.A. = Not Applicable

N.D. = Not Determined

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY	X Stable	Unstable	Conditions to Avoid	N.A.
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Incompatibility (Materials to Avoid)	Do not mix with strong oxidants
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Hazardous	Oxides of carbon, nitrogen, boron.
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Decomposition Products	
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HAZARDOUS POLYMERIZATION	Will not occur	Conditions to Avoid	N.A.
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SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	X Eye	X Skin	Inhalation	Ingestion
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HEALTH HAZARDS	CARCINOGENICITY	Not listed in NTP, OSHA, or IARC Monographs
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Direct contact may cause eye irritation. Mist may irritate respiratory tract.

Prolonged or repeated skin contact may cause mild skin irritation.

Repeated excessive overexposure to alkanolamines may injure liver, kidney.

Medical Conditions	None known
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Generally Aggravated by Exposure	
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EMERGENCY FIRST AID PROCEDURES	Seek medical assistance for further treatment, observation and support if necessary.
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Eye Contact	Flush with clear water, seek medical attention if condition persists.
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Skin Contact	Wash with soap & water. Do not wear soaked clothing. If redness or irritation develops, consult a physician.
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Inhalation	Remove to fresh air. Seek medical attention. Observe TLV/PEL limits.
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Ingestion	Call a physician. Do not induce vomiting.
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SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	Normally not needed unless excessive mist is present
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Protective Gloves	Oil/Chemical resistant	Eye Protection	Safety Glasses
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VENTILATION	Local Exhaust	X Mechanical (General)	Special
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TO BE USED	Other (specify)	Use local exhaust if PEL/TLV is exceeded
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Other Protective Clothing and Equipment	As necessary to prevent prolonged skin contact.
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Hygienic Work Practices	Follow good industrial hygiene practices.
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SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material is Spilled Or Released	Recover free liquid, add absorbent to spill area.
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Waste Disposal Methods	Dispose of in accordance with all applicable federal, state, and local regulations.
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Precautions to be Taken in Handling and Storage	Store away from direct heat source.
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Other Precautions and/or Special Hazards	Contains alkanolamine. Do not mix with or add nitrites as this could form nitrosamines, some of which are animal carcinogens.
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HMIS Rating	Health	1	Flammability	0	Reactivity	0	Personal Protection	B
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