

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

(N/A)

Product Name: Fastenal Body Guard Anti-Static Anti-Fog Lens Cleaning Fluid

CAS Number: Mixture

Product Description: Lens Cleaning Fluid

CHEMTREC Numbers:**For emergencies in the US, call CHEMTREC: 800-424-9300****Revision Date:** 03/01/2009**Trade Names:** FASTENAL BODY GUARD ANTI-STATIC ANTI-FOG LENS CLEANING FLUID

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this products.

DOT Shipping Name: Combustible liquid n.o.s., NA 1993 , PG III

DOT Hazard Class: Combustible liquid

UN/NA ##: NA 1993

Product Codes: 1009003, 1009005**HMIS**

HEALTH	0
FIRE	2
REACTIVITY	0
PPE	

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: (N/A)

Ingredient Name	CAS#	Ingredient Percent
Water	7732-18-5	81%
ACGIH TLV TWA:	None Established	
Hazardous:	Yes	
EC Index Number:	1	
Isopropyl Alcohol	67-63-0	12%
ACGIH TLV TWA:	400 PPM	
Hazardous:	Yes	
EC Index Number:	1	
Glycol Ethers: 2-Propanol-1-Butoxy	5131-66-8	3%
ACGIH TLV TWA:	None Established	
Hazardous:	Yes	
EC Index Number:	1	
	SARA 313 LISTED CHEMICALS:	
	LISTED INGREDIENTS: Glycol Ethers	
	CAS##: 5131-66-8	
	WT. % RANGE: 3-5	

Glycol Ethers: 1-Propanol-2 Butoxy 15821-83-7

EC Index Number: 1

Surfactant (Alcohol Ethoxy Sulfate)

3088-31-1

4%

ACGIH TLV TWA: None Established

EC Index Number: 1

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SECTION 3 : HAZARDS IDENTIFICATION

: (N/A)

Emergency Overview:

WARNING: COMBUSTIBLE LIQUID – KEEP AWAY FROM SOURCE OF IGNITION

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SECTION 4 : FIRST AID MEASURES

: (N/A)

Eye Contact:

1 pint spray bottle: Follow directions for 55 gallon.
55 Gallon: If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact, hold eyelids apart for at least 15 minutes. Seek medical attention.

Skin Contact:

1 pint spray bottle: Not expected to be hazard under normal operating conditions.
55 Gallon: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists seek medical attention.

Inhalation:

(Breathing):
1 pint spray bottle: Not expected to be hazard under normal operating conditions.
(Breathing) 55 Gallon: Immediately move person away from exposure and into fresh air. If respiratory symptoms or other symptoms of exposure develop, seek immediate medical attention.

Ingestion:

(Swallowing): If swallowed, seek emergency medical attention. If person is drowsy or unconscious, place on left side with head down. Do not give anything by mouth.

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SECTION 5 : FIRE FIGHTING MEASURES

: (N/A)

Fire:

Fire and Explosion Hazard: This material is a combustible product and is therefore a potential fire hazard when exposed to hot surfaces or to sparks and flames.

Flash Point:

102 deg F

Flash Point Method:

TCC

Upper Flammable or Explosive Limit:

(vol. % in air): 13

Lower Flammable or Explosive Limit:

(vol. % in air): 2

Extinguishing Media:

Extinguish with dry chemical, CO2, or a universal type foam.

Fire Fighting Instructions:

Wear appropriate protective equipment including respiratory protection as conditions warrant (See Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat or flame. Avoid spreading burning liquid with water used for cooling purposes. ISOPROPANOL burns with a non-visible flame, therefore care must be taken when fighting fires.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

: (N/A)

Spill Cleanup Measures: Contain spill in a disked area and clean to prevent from entering Storm drains and streams.

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SECTION 7 : HANDLING and STORAGE

: (N/A)

Handling: Precautions: Keep all containers tightly closed, cool, dry and away from all sources of ignition.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

: (N/A)

Ventilation System: Not expected to be a hazard under normal operating conditions.

Hand Protection Description: Protective Gloves: Not expected to be a hazard under normal operating conditions.

Eye/Face Protection: Not expected to be a hazard under normal operating conditions.

Respiratory Protection: Not expected to be a hazard under normal operating conditions.

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

: (N/A)

Vapor Pressure: @ 20 deg C (mmHg calculated): 10

Flash Point: 102 deg F

Flash Point Method: TCC

Boiling Point: Approximate: 180 deg. F

Solubility: Percent Solubility in Water (estimated): Complete

Specific Gravity: (68 deg F): 0.965

Evaporation Point: Relative evaporation rate (estimated): > 1 (nBuOAC=1)

Percent Volatile: 100

Volatile Organic Compound Content: NONE

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SECTION 10 : STABILITY and REACTIVITY

: (N/A)

Chemical Stability: Stable

Incompatibilities with Other Materials: (Materials to avoid): This product is incompatible with: Strong acids and bases.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Thermal decomposition will lead to release of carbon dioxide, Carbon monoxide

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SECTION 11 : TOXICOLOGICAL INFORMATION

: (N/A)

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SECTION 12 : ECOLOGICAL INFORMATION

: (N/A)

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SECTION 13 : DISPOSAL CONSIDERATIONS

: (N/A)

Waste Disposal: Waste disposable method: Dispose of product in accordance with local, county, state and Federal regulations.

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SECTION 14 : TRANSPORT INFORMATION

: (N/A)

DOT Shipping Name: Combustible liquid n.o.s.
DOT UN Number: NA 1993
DOT Hazard Class: Combustible liquid
DOT Packing Group: III

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SECTION 15 : REGULATORY INFORMATION

: (N/A)

Applies to All Ingredients :

TSCA 8(b): Inventory Status: All products are listed in the TSCA inventory
SARA: SARA: See section 2
Section 304 CERCLA RQ: Glycol ether RQ: 1 LB.
RCRA 261.33 Code: Check with local, state and federal agencies
State: Proposition 65: Not listed
Canada DSL: Listed
Carcinogenicity: Not listed with IARC or NTP
VOC: NONE

Glycol Ethers: 2-Propanol-1-Butoxy :

Section 313 Toxic Release Form: SARA 313 LISTED CHEMICALS:
LISTED INGREDIENTS: Glycol Ethers
CAS##: 5131-66-8
WT. % RANGE: 3-5

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SECTION 16 : ADDITIONAL INFORMATION

: (N/A)

HMIS:
Health Hazard: 0
Fire Hazard: 2
Reactivity: 0
MSDS Revision Date: 03/01/2009
PRODUCT: BODY GUARD LENS CLEANING FLUID

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