



SAFETY DATA SHEET: Marvel

Section 1: IDENTIFICATION

Product Name: Marvel

Common Names or Synonyms: None.

Recommended Use: Water Base Cleaner & Degreaser Concentrate

Restrictions on Use: None known.

Company: **ChemFast, LLC**
11 Jenna Drive Unit #1
Gorham, ME 04038
800-287-2225
info@chemfast.com

Emergency Phone: 1-800-424-9300
CHEMTREC 24-Hour Emergency Service

Section 2: HAZARD(S) IDENTIFICATION

Physical Hazards: Not classified.

Health Hazards: Skin corrosion/irritation Category 2

Environmentals: Not classified

OSHA Hazards: Not classified.

Signal Word: Warning

Hazard Statement(s): H315 Causes skin irritation
H315+H320 Causes skin and eye irritation

Pictograms:

Precautionary Statement(s): P264 Wash ... thoroughly after handling.
P302+P352 IF ON SKIN: Wash with plenty of water/...
P321 Specific treatment (see ... on this label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Hazards Not Otherwise Classified (HNOC): None.

Other Information: None.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Common name/synonyms	CAS number	% Range
SODIUM HYDROXIDE LIQUID	Caustic soda, Lye [Sodium hydroxide], Soda lye, Sodium hydrate	1310-73-2	<1
DISODIUM TRIOXOSIL PENTAHYDRATE		10213-79-3	<10
ETHYLENE GLYCOL MONOBUTYL ETHER	2-BUTOXY-1-ETHANOL; 2-BUTOXYETHANOL; 3-OXA-1-HEPTANOL; BUCS; BUTOXYETHANOL; BUTYL CELLOSOLVE; BUTYL GLYCOL; BUTYL OXITOL; DOWANOL EB; EKTASOLVE EB; Ethanol, 2-butoxy-; ETHYLENE GLYCOL MONOBUTYL ETHER; ETHYLENE GLYCOL N-BUTYL; ETHYLENEGLYCOLMONOBUTYLEETHER; GAFCOL EB; GLYCOL BUTYL ETHER; GLYCOL ETHER EB; GLYCOL ETHER EB ACETATE; GLYCOL MONOBUTYL ETHER; JEFFERSOL EB; MONOBUTYL ETHER OF ETHYLENE GLYCOL; MONOBUTYL GLYCOL ETHER; N-BUTOXYETHANOL; O-BUTYL ETHYLENE GLYCOL; POLY-SOLV EB; UN 2369	111-76-2	<6

**Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.*

Section 4: FIRST-AID MEASURES

Inhalation:	Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Skin Contact:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.
Eye Contact:	Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
Ingestion:	Get medical attention immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most Important Symptoms or Effects, Acute and Delayed:	None.
Indication of Immediate Medical Attention and Special Treatment, if Necessary:	None.

General information: Causes skin and eye irritation.
Keep out of reach of children.
Do not get in eyes, on skin, or on clothing.

Section 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: No data available.

Specific Hazards Arising from the Chemical: No data available.

Special Protective Equipment and Precautions for Firefighters: No data available.

Fire fighting equipment/instructions: No data available.

Specific methods: No data available.

General fire hazards: No data available.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Do not let product enter drains.

Environmental Precautions: No data available.

Clean Up Procedures: Must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling Wear protective gloves/ eye protection.

Conditions for Safe Storage, Including Any Incompatibilities: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C).

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

Sodium Hydroxide (CAS 1310-73-2)

ACGIH TLV (United States)

CEIL: 2 mg/m3 Form: Dust

ACGIH TLV (United States, 1/2009)

CEIL: 2 mg/m3

OSHA PEL 1989 (United States, 3/1989)

CEIL: 2 mg/m3

NIOSH REL (United States, 6/2009)

CEIL: 2 mg/m3

OSHA PEL (United States, 11/2006)

TWA: 2 mg/m3 8 hour(s)

ETHYLENE GLYCOL MONOBUTYL
ETHER (CAS 111-76-2)

NIOSH REL (United States, 6/2009). Absorbed through skin.

TWA: 5 ppm 10 hour(s)

TWA: 24 mg/m3 10 hour(s)

ACGIH TLV (United States, 1/2009)

TWA: 20 ppm 8 hour(s)

OSHA PEL (United States, 11/2006). Absorbed through skin.

TWA: 50 ppm 8 hour(s)

TWA: 240 mg/m3 8 hour(s)

OSHA PEL 1989 (United States, 3/1989). Absorbed through skin.

TWA: 25 ppm 8 hour(s)

TWA: 120 mg/m3 8 hour(s)

Appropriate Engineering Controls:

No data available.

Individual Protection Measures, such as Personal Protective Equipment:

The following are recommendations for Personnel Protective Equipment (PPE). The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.



Eye/face Protection:

Goggles General industrial hygiene practice.

Skin Protection:

Rubber Gloves.

Respiratory Protection:

None.

Thermal Hazards:

None.

General Hygiene Considerations:

None.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Purple Liquid
Odor:	Non-Descriptive Odor
Odor Threshold:	Not Available
pH:	12.5
Melting Point/Freezing Point:	Not Available
Boiling Point:	212° F
Flash Point:	Not Available
Evaporation Rate:	Not Available
Flammability (solid, gas):	Not Applicable
Upper/Lower Flammability or Explosive Limits:	
Flammability Limit - Lower (%):	Not Available
Flammability Limit - Upper (%):	Not Available
Explosive Limit - Lower (%):	Not Available
Explosive Limit - Upper (%):	Not Available
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Relative Density:	Not Available
Solubility(ies):	Water
Partition Coefficient (n-octanol/water):	Not Available
Autoignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	Not Available
Other information	
Density	8.6 lbs/gal

Section 10: STABILITY AND REACTIVITY

Reactivity:	Stable.
Chemical Stability:	Stable.
Possibility of Hazardous Reactions:	None.
Conditions to Avoid:	None.
Incompatible Materials:	Strong Acids.
Hazardous Decomposition Products:	None.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Inhalation:	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin Contact:	No adverse effects due to skin contact are expected.
Eye Contact:	Causes serious eye irritation.
Ingestion:	Expected to be a low ingestion hazard.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics:	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Information on Toxicological Effects:

ETHYLENE GLYCOL MONOBUTYL ETHER	LC50 Inhalation Gas	Rat	450 ppm	4hrs
	LC50 Inhalation	Guinea pig	>633ppm	1hr
	LD50 Dermal	Guinea pig	>2000 mg/kg	-
	LD50 Dermal	Rabbit	220 mg/kg	-
	LD50 Oral	Guinea pig	1200 mg/kg	-
	LD50 Oral	Rat	250 mg/kg	-
SODIUM HYDROXIDE	LD50 Dermal	Rabbit	500 mg/kg	24hr
	LD50 Oral	Rat	240 mg/kg	-
DISODIUM TRIOXOSILICATE PENTAHYDRATE	LD50 Oral	Rat	1153 mg/kg	-
	LD50 Oral	Mouse	770 mg/kg	-

Acute Toxicity: No data available.

Skin Corrosion/irritation: No data available.

Serious Eye Damage/eye Irritation: No data available.

Respiratory or Skin Sensitization:

Respiratory Sensitization: No data available.

Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: No data available.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity - Single Exposure: None.

Specific Target Organ Toxicity - Repeated Exposure: None.

Aspiration Hazard: No data available.

Chronic Effects: No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Persistence and Degradability: No data is available on the degradability of this product.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Local Disposal Regulations: Dispose in accordance with all applicable regulations.

Section 14: TRANSPORT INFORMATION

DOT

UN Number: None.

UN Proper Shipping Name: Cleaning Compound – Non-Regulated Material

Transport Hazard Class(es): None.

Section 15: REGULATORY INFORMATION

Federal and State Regulations:

SARA 313 toxic chemical notification and release reporting:

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

California Prop 65: Ethylene glycol monoethyl ether - developmental, male

All Components of this product are listed or exempt from listing on TSCA Inventory.

Section 16: OTHER INFORMATION

HMIS® ratings: Health: 1
Flammability: 0
Physical hazard: 0

NFPA ratings: Health: 1
Flammability: 0
Instability: 0

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