

MATERIAL SAFETY DATA SHEET – I-35

Manufactured by: Alklean Industries, Inc.
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SECTION I – PRODUCT IDENTIFICATION

Product Name: I-35
Synonyms:
Chemical Description:
Intended Use: Vehicle and General Purpose Industrial Cleaner/Degreaser

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111-76-2	8.0		50 ppm

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: blue liquid with peppermint odor	pH: 13.5
Boiling Point °F/C: 208F	Specific Gravity (Water=1): 1.05
Vapor Pressure (mm Hg): N/A	Melting Point (°F/C):
Vapor Density (Air=1): Undetermined	Evaporation Rate (Butyl Acetate=1): Undet.
Solubility in Water: 100%	

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): None (will not burn) Flammable Limits (LFL/UFL):
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Fire and Explosion Hazards: Non-Flammable

SECTION V – HEALTH HAZARD AND FIRST AID

Routes of Entry (Inhale, Ingest, Skin, Eye): All
Health Hazard (Acute and Chronic): Minimal acute health effects; yes, chronic health effects
Inhalation - of vapor or mist may be irritating
Ingestion - may be harmful
Skin & eyes - 2-butoxyethanol readily penetrates skin; significant volume may result in red blood cell destruction. May cause eye irritation.

Carcinogen/Details: No
OSHA Regulated?

Signs and Symptoms of Exposure: See "Health Hazard" above

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures: THIS IS AN EXTREME SITUATION.
Inhalation - Move to fresh air. If symptoms persist, seek medical attention.
Ingestion - DO NOT induce vomiting. Give large volumes of water. Get immediate medical attention.
Skin - Remove contaminated clothing and wash skin with soap with water. If irritation persists get medical attention.
Eyes - Flush with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get immediate medical attention.

SECTION VI – STABILITY AND REACTIVITY

Stability: Stable Conditions to Avoid: None known
 Incompatibles:
 Hazardous Decomposition:
 Hazardous Polymerization: Will Not Occur Conditions to Avoid:

SECTION VII – HANDLING AND STORAGE

Handling:
 Respiratory Protection:
 Ventilation:
 Hand Protection: Rubber gloves Eye Protection: Goggles or face shield
 Other Protective Clothing/Equipment: Rubber apron when handling full strength.
 Work/Hygienic Practices:
 Storage: Store containers tightly closed and in an upright position. Do not destroy or deface the label.
 Other Precautions: Keep away from children and untrained personnel.

SECTION VIII – SPILL AND DISPOSAL

Containment:
 Clean-Up: Flood area with water and mop up.
 Disposal: Dispose to a sanitary sewer. Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.
 Other Emergency Advice:

SECTION IX – TRANSPORTING

Not regulated by DOT.

SECTION X – REGULATORY INFORMATION**SECTION XI – NFPA HAZARD RATINGS**

	Health	1		
	Flammability	0		
	Reactivity	1		
0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe

SECTION XII – OTHER INFORMATION

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

SECTION XIII – REFERENCES

END