

MATERIAL SAFETY DATA SHEET – I-105

Manufactured by: Alklean Industries, Inc.
2111 Catalina
Pasadena, TX 77503

Telephone #: 281-479-5966
Toll free #: 800-458-6304
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SECTION I – PRODUCT IDENTIFICATION

Product Name: I-105
Synonyms:
Chemical Description:
Intended Use: Vehicle and General Purpose Industrial Cleaner

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	1%		

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: blue liquid with aromatic odor	pH: 12.5
Boiling Point °F/C: 220F	Specific Gravity (Water=1): 1.12
Vapor Pressure (mm Hg): 23.76 @ 25°C	Melting Point (°F/C): Undet.
Vapor Density (Air=1):	Evaporation Rate (Butyl Acetate=1):
Solubility in Water: 100%	

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): >220°F Flammable Limits (LFL/UFL):
Extinguishing Media: Water, Carbon Dioxide, Foam
Special Fire Fighting Procedures: None
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): Eye and skin 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: Inhalation - Move to fresh air.
Ingestion - Drink milk or water in large amounts and get medical attention.
Skin - Wash with soap and water.
Eyes - Flush with water for 15 minutes and seek medical attention.

SECTION VI – STABILITY AND REACTIVITY

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

SECTION VII – HANDLING AND STORAGE

Handling: Normal handling of liquids
Respiratory Protection:
Ventilation: Adequate ventilation
Hand Protection: Rubber gloves Eye Protection: Safety glasses or goggles
Other Protective Clothing/Equipment: Rubber apron when handling full strength.
Work/Hygienic Practices:
Storage:
Other Precautions: Keep away from children and untrained personnel.

SECTION VIII – SPILL AND DISPOSAL

Containment:
Clean-Up: Dilute with water and clean up
Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.
Other Emergency Advice:

SECTION IX – TRANSPORTING

SECTION X – REGULATORY INFORMATION

SECTION XI – NFPA HAZARD RATINGS

Health
Flammability
Reactivity
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