

MATERIAL SAFETY DATA SHEET – I-20 QR

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

Product Name: I-20 QR
Synonyms:
Chemical Description:
Intended Use: Non-Emulsifying Detergent

SECTION II – HAZARDOUS INGREDIENTS

Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1310-79-2		2 mg/m3	2 mg/m3

SECTION III – PHYSICAL & CHEMICAL PROPERTIES

Appearance and Odor: water-thin clear liquid
Boiling Point °F/C: 206F
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Solubility in Water: 100%

pH: 8.4
Specific Gravity (Water=1): 1.08
Melting Point (°F/C):
Evaporation Rate (Butyl Acetate=1): <1

SECTION IV – FIRE AND EXPLOSION HAZARD

Flash Point (Method): None
Extinguishing Media: Water, dry chemical, foam, water fog
Special Fire Fighting Procedures: None
Fire and Explosion Hazards: None known

Flammable Limits (LFL/UFL): N/A

SECTION V – HEALTH HAZARD AND FIRST AID

Routes of Entry (Inhale, Ingest, Skin, Eye): All
Health Hazard (Acute and Chronic): Contact with mucous membranes, skin, or eyes can cause severe burns, irritation of the respiratory tract. Material corrosive via all routes of entry.

Carcinogen/Details: No
OSHA Regulated?

Signs and Symptoms of Exposure: Inhalation - soreness in respiratory tract, chest tightness, difficulty breathing
Skin - severe stinging, redness
Eyes - stinging, severe irritation

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedures: Inhalation - Remove from contaminated atmosphere. If breathing stops, give artificial respiration, then oxygen if needed. Contact a physician.
Ingestion - DO NOT induce vomiting. If patient is conscious, give several glasses of water to dilute and contact physician immediately. Do not give an unconscious person anything by mouth.
Skin - Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation and burning develops.
Eyes - Immediately flush with large quantities of water for at least 15 minutes while holding eyelids open. Contact a physician immediately.

SECTION VI – STABILITY AND REACTIVITY

Stability: Stable Conditions to Avoid:
Incompatibles: Strong acids or oxidizing agents
Hazardous Decomposition: None
Hazardous Polymerization: Will Not Occur Conditions to Avoid: None known

SECTION VII – HANDLING AND STORAGE

Handling: Keep lid closed when not in use.
Respiratory Protection: Dust mask recommended, preferably NIOSH approved.
Ventilation: No special required
Hand Protection: Rubber or neoprene gloves Eye Protection: Goggles or face shield
Other Protective Clothing/Equipment: Impervious clothing preferred to prevent skin contact.
Work/Hygienic Practices: Wash thoroughly after handling. Wash contaminated clothes before re-use. Check protective clothing and gloves for leaks before use.
Storage: Store in cool, dry, and well-ventilated area. Keep containers tightly closed. Label as "Corrosive".
Other Precautions: Keep away from children and untrained personnel.

SECTION VIII – SPILL AND DISPOSAL

Containment:
Clean-Up: Absorb spilled liquids with inert material or absorbent material. Scoop or shovel absorbed material into containers. Dry mop or use absorbent material to remove final traces.
Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations. Neutralization of pH is required.
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
