

HDL-50™

**HEAVY DUTY
MULTI-TEMP
MACHINE DETERGENT**

Product Properties

COLOR: Clear Red
ODOR: Mild
pH: 14
FOAMING: None
DETERGENCY: Excellent
HARD WATER TOLERANCE: Excellent

Description

This high performance liquid detergent assures superior, consistent results, automatic dispensing ease and cost effectiveness. Suitable for use in all temperature applications. Effective in removing a wide range of soils from stainless, glass, plastics and fine china ware.

Features...Benefits

ConcentratedEconomical
Fast ActingLabor Saving
Consistent DispensingEconomical
Solid Load TolerantImproved Performance
Non-FoamingImproved Results

Directions

Place dispenser pickup tube in container. Product will be automatically injected into dishmachine. Follow instructions on your Dishmachine Procedures poster or consult your Service Representative for additional application information.

Safety Information

KEEP OUT OF REACH OF CHILDREN

DANGER. Causes severe burns to eyes and skin. Harmful or fatal if swallowed. Avoid contact with eyes and skin. Do not take internally. In case of contact with eyes, flush with water for 15 minutes. Seek immediate medical attention. In case of contact with skin, flush with plenty of water, then vinegar if available. Seek medical attention. If swallowed, drink plenty of water, orange juice or lemon juice. Follow with milk. Get immediate medical attention.

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Letter of guarantee available upon request.

180223-0703
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**REFER TO PRODUCT LABEL AND SDS
FOR ADDITIONAL INFORMATION**

Safety Data Sheet

Section 1 - Product Information					
Product Name: HDL-50			Supplier: Intercon Chemical Company		
Product Code Number: 0703		Information Phone: 1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis MO 63110	
Product use:	Dish Machine Detergent	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Skin Corrosion Category 1B, Eye corrosive Category 1, Oral Toxicity Category 4					
Section 2.1 - Label Elements					
Hazard Pictograms		Precautionary Statements:			
 		Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist or dust. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.			
Signal Word: Danger					
Hazard Statements: Causes severe skin burns and eye damage. Harmful if swallowed.					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Sodium Hydroxide		1310-73-2		< 20	
Section 4 - First Aid Measures					
IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.					
IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.					
IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.					
IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits	Extinguishing Media:		Special Fire Fighting Procedures: Avoid exposure to fumes or vapors.	
none	LEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.		Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.	
	UEL: NA				
Section 6 - Accidental Release Measures					
Neutralize with dilute acid, or sodium bicarbonate. Mop up and flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.					
Section 7 - Handling and Storage					
Store locked up. Store upright in original closed container.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Sodium Hydroxide	2mg/m ³	2mg/m ³	Respiratory: not normally required		Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
			Eye: safety glasses, face shield		
			Skin: Apron, alkali proof gloves		
			Ventilation: Normal Room Ventilation		

Section 9 - Physical and Chemical Properties

Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
red liquid	mild	NE	14	NE	212°F	>1(water =1)	NA	NA	17mm Hg
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
0.62(air =1)	9.74	1.16	13	100% in water	NE	NA	thin	NE	

Section 10 - Stability and Reactivity

Product is stable, hazardous polymerization will not occur. Incompatible with strong acids. If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides.

Section 11- Toxicological Information

ingredient	Acute toxicity (oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
Sodium Hydroxide	200 mg/kg	1350mg/kg	corrosive	Not listed	No info	No info	No info	No info
all combined	1081mg/kg	>7000mg/kg	corrosive	Not listed	No info	No info	No info	No info

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

Products covered by this SDS, in their original form, are considered corrosive hazardous waste according to RCRA(40 CFR 261). Dispose of in accordance with applicable Federal, State and Local regulations.


Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN1719	Caustic Alkali Liquids, n.o.s.(Contains sodium hydroxide)	8	II	< 1Liter

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986. CERCLA: Sodium Hydroxide. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS:	E		HMIS: Health - 3	Flam. - 0	R - 1	PPE- C
Date Prepared: 04-09-2015			Prepared by: Environmental, Health and Safety Administrator.			

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established