

MATERIAL SAFETY DATA SHEET

HERCULES

This MSDS complies with ANSI Z400.1-2004

01 - PRODUCT AND COMPANY IDENTIFICATION				
Manufactured by:	Bestway Products Company			Trade name (used on label): Hercules
Address:	333 West 700 South Salt Lake City, UT. 84101			Intended use: Degreasing Cleaner Concentrate
PH: (801)328-4818	FAX: (801)328-9080	EMAIL: MSDS@BESTWAY.PRO		
MSDS prepared by: C. Beckstead	EMERGENCY RESPONSE NUMBER: (CHEM-TEL) 1(800)255-3924		Prepared: 01/27/11 @ 10:18:46 AM	MSDS number: 11 Revision: 2
02 - HAZARD IDENTIFICATION				
PRIMARY ROUTES OF ENTRY:	[X] INHALATION	[X] INGESTION	[] SKIN ABSORPTION	[X] EYE [] NOT HAZARDOUS
ACUTE EFFECTS: Inhalation: Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.				
Eye Contact: Irritation. Skin Contact: Possible irritation. Ingestion: Possible gastrointestinal irritation.				
03 - COMPOSITION/INFORMATION ON INGREDIENTS				
(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)				
	CAS NUMBER	OSHA PEL	LC50	%
Sodium Metasilicate Anhydrous	6834-92-0	400		
Sodium Carbonate	497-19-8			
Tetrapotassium Pyrophosphate	7320-34-5			
04 - FIRST AID MEASURES				
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention. Skin Contact: Wash with soap and water.				
Inhalation: Remove to fresh air. Ingestion: Call poison control or Chem-Tel @ 1-800-255-3924				
Notes to physician:				
05 - FIRE FIGHTING MEASURES				
Flash Point (method determined): N/A Auto Ignition Temperature: N/A FLAMMABILITY as per USA FLAME PROJECTION TEST :N/A				
Flammability Limits in Air by % in SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Use				
Volume: % LEL: N/A % UEL: N/A water fog to cool containers to prevent rupturing & exploding containers.				
Unusual Fire & Explosion Hazards: None EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water.				
06 - ACCIDENTAL RELEASE MEASURES				
Small Spills: Contain spill to recover or dike with absorbent material and dispose of in accordance with local regulations.				
Large Spills: Transfer material to separate suitable containers for recovery or disposal.				
07 - HANDLING AND STORAGE				
Handling: Empty containers should be recycled.				
Storage: Shelf life is best retained by storing at 45° f to 100° f				
08 - EXPOSURE CONTROLS AND PERSONAL PROTECTION				
Respiratory Protection (specify type): None normally required. Unless under high volume spray then use a suitable respirator with appropriate filtration.				
Protective Gloves: Rubber or latex. Eye Protection: Safety glasses recommended.				
Ventilation Requirements: Mechanical if necessary to keep vapor concentration below TLV.				
Other Protective Clothing & Equipment: None required when using according to label instructions.				
Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.				
09 - PHYSICAL AND CHEMICAL PROPERTIES				
Physical State: Liquid	Boiling point: ~212° f	Vapor pressure: Unknown.		
Odor/Appearance: Turquoise, odorless	Freezing point: 20° f	Vapor density: Unknown.		
PH: ~12	Evaporation rate: >ethyl ether	Liquid density: Unknown.		
Specific Gravity: ~1.0	% Volatile: 95%	% Soluble in water: 100%		
10 - STABILITY AND REACTIVITY				
Chemical stability: Stable. Hazardous decomposition: No data available.				
Hazardous polymerization: Will not occur. Incompatibility: Avoid contact with: Strong acids.				
11 - TOXICOLOGICAL INFORMATION				
CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) When used as directed, no adverse effects anticipated from available information.				
Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.				
12 - ECOLOGICAL INFORMATION				
Aquatic toxicity: No ecological information available at this time.				
Environmental fate: This product is biodegradable.				
13 - DISPOSAL CONSIDERATIONS				
Dispose of in accordance with all applicable local, state and federal laws. Buyer assumes all risk and liability associated with disposal of this product, original and secondary containers.				
14 - TRANSPORT INFORMATION				
DOT CLASSIFICATION-(49 cfr 172.101) n/d				
15 - REGULATORY INFORMATION				
FEDERAL: Not determined at this time.				
STATE: Not determined at this time.				
LOCAL: Not determined at this time.				
16 - OTHER INFORMATION				
NFPA Rating:	Health-2	Flammability-0	Reactivity-0	Special Hazard - ALK
HMIS Rating:	Health-2	Flammability-0	Reactivity-0	Personal Protection Equipment - C
We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.				
** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only				