

MATERIAL SAFETY DATA SHEET

1.	<u>Identification of the substances or preparation and of the company</u>
1.1	Identification of the preparation: Heavy Duty Soil Lifter
1.2	Company identification: Chemspec Europe Unit 36C, Tong Park Otley Road, Baildon West Yorkshire BD17 7QD UK Tel: 01274 597333 Fax: 01274 597444
1.3	Emergency telephone number, official advisory bodies:
1.3.1	For medical emergency call Chemtrec at 00-1-703 527-3887
2.	<u>Composition/Information on ingredients</u>
2.1	Chemical description: Water, Anionic surfactant, Organic solvent, Petroleum Distillate.
2.2	Hazardous ingredients: 2-Butoxyethanol, Hydrogen Treated Naptha Solvent
3.	<u>Hazards identification</u>
3.1	To man: Toxic by inhalation. Harmful in contact with skin. Irritating to eyes.
3.2	To the environment: None known.
4.	<u>First aid measures</u>
4.1	Inhalation: Remove to fresh air. If symptoms persist consult physician.
4.2	Eye contact: Flush with water for at least 15 minutes.
4.3	Skin contact: Thoroughly wash exposed skin with soap and water.
4.4	Ingestion: Drink plenty of water. Consult physician.
4.5	Special: Treatment based on judgment of attending physician.
5.	<u>Fire-fighting measures</u>
5.1	Suitable extinguishing media: Water, Carbon dioxide, Foam.
5.2	Extinguishing media which must not be used: None known.
5.3	Special exposure hazards: Possibly oxides of carbon and unidentified organic compounds.
5.4	Special protection equipment for fire-fighters: Self-contained positive pressure breathing apparatus and protective clothing.
6.	<u>Accidental release measures</u>
6.1	Personal precautions: Prevent eye and skin contact.
6.2	Environmental precautions: Dispose of according to local regulations.
6.3	Methods of cleaning up: Use absorbent material to soak up spills.

7.	<u>Handling and storage</u>	
7.1	Handling:	Prevent eye and skin contact.
7.2	Storage:	Keep container closed to avoid contamination..
7.2.2	Incompatible storage:	None known.
7.2.3	Other:	None known.
8.	<u>Exposure controls/personal protection</u>	
	Please use common sense when handling this product.	
8.1	Respiratory protection:	Use local exhaust or dilution ventilation.
8.2	Hand protection:	Gloves recommended.
8.3	Eye protection:	Safety glasses recommended
8.4	Skin protection:	Use body covered clothing.
8.5	Working hygiene:	Take usual precautions when handling
9.	<u>Physical and chemical properties</u>	
9.1.1	Appearance:	Clear yellow liquid.
9.1.2	Odor:	Citrus.
9.2	pH (as used):	7.5-8.5.
9.3	Boiling point/Boiling range:	n. ap.
9.4	Specific Gravity:	0.89-0.91
9.5	Wt/Gal:	7.5 lbs.
9.6	Flash point:	122 deg F.
9.7	Inflammation:	n. av.
10.	<u>Stability and reactivity</u>	
10.1	Conditions to avoid:	None known.
10.2	Materials to avoid:	Strong oxidizing agents.
10.3	Hazardous decomposition of materials:	See point 5.3.
11.	<u>Toxicological information</u>	
11.1	Acute toxicity:	n. av.
11.2	Acute oral toxicity: LD50 rat:	n. av.
11.3	Dermal rabbit:	n. av.
11.4	Inhalation LC50 rat:	n. av.
11.5	Chronic effects:	n. av.
11.6	Sensitization:	n. av.
11.7	Carcinogenicity:	n. ap.
11.8	Mutagenicity:	n. av.
11.9	Reproductive toxicity:	n. ap.
11.10	Narcotic effects:	n. ap.

Heavy Duty Soil Lifter

12.	<u>Ecological information</u>	
12.1	Water-Hazard class:	None(U.S.)
12.2	Biodegradability:	Biodegradable.
12.3	Bio-accumulation:	n. av.
12.4	Aquatic toxicity:	n. av.
12.5	Other relevant ecological information:	
13.	<u>Disposal</u>	
13.1	Refer to local regulations.	
14.	<u>Transport information:</u> Air and Marine Shipments Regulated. Flammable Liquid, Toxic, INST #309, UN #1993, IMDG #3346.	
15.	<u>Regulations</u>	
15.1	Symbol:	Toxic, Flammable
15.2	R-Sentences:	R10, Xn;R20, R21, T;R45-R22
15.3	S-Sentences:	S2, S7, S13, S16, S24, S25, S45, S53.
16.	Other Information	
DISCLAIMER OF LIABILITY		
<p>The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.</p>		

n.ap = not applicable

n.av = not available