

MATERIAL SAFETY DATA SHEET

1.	<u>Identification of the substances or preparation and of the company</u>
1.1	Identification of the preparation: Kill Odor Plus
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: Aqueous Mixture.
2.2	Hazardous ingredients: 2-Butoxyethanol.
3.	<u>Hazards identification</u>
3.1	To man: May cause corneal damage and skin irritation.
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 nitrogen aldehydes, ketones and other unidentified 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 light yellow liquid.
9.1.2	Odor:	Cherry.
9.2	pH (as used):	6.5-7.5.
9.3	Boiling point/Boiling range:	n. ap.
9.4	Specific Gravity:	1.0
9.5	Wt/Gal:	8.3 lbs.
9.6	Flash point:	>200 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:	Acids, strong alkalis, 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:	>470mg/kg
11.3	Dermal rabbit:	>220mg/kg
11.4	Inhalation LC50 rat:	>700 ppm in 7 hrs.
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.

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>	
	Not regulated.	
15.	<u>Regulations</u>	
	Not dangerous for supply.	
16.	Other Information	
	DISCLAIMER OF LIABILITY	
	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.	

n.ap = not applicable

n.av = not available