TENNANT 701 North Lilac Drive P.O. Box 1452 Minneapolis, MN 55440-1452

MATERIAL SAFETY DATA SHEET

FaST 665 Neutral pH Heavy Duty Cleaner



EMERGENCY PHONE NUMBERS:

CHEMTREC; (800) 424-9300 (24 hrs) CANADA: CANUTEC (613) 996-6666 (24 hrs) District of Columbia: (202) 483-7616 (24 hrs) MSDS Requests: (800) 553-8033

PREPARATION INFO: By: Kevin Hobbie

(763) 540-1471 (days) (612) 834-0118 (mobile)

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Issue Date:	April 25, 2007	HAZARD RATING	NFPA	HMIS		NFPA	HMIS	4 = Extreme	3 ≃ High	0 = Insignificant	
Supersedes:	February 7, 2006	Health	1	1	Reactivity	0	0	2 = Moderate	1 = Slight	COR = Corrosive	
Printed:	4/25/2007	Fire	: 1	1	Special	0	Х			X = Ask supervisor for guidance.	
				***** I. IDE	NTIFICA	TION ****	*				
PRODUCT	FNAME: FaST,665	Neutral pH Heavy I	Outy Clear	ner	US DE	EPT OF T	RANSP	ORTATION (GROUND):		
					UN#:	None A	llocated	PACK	AGING GR	OUP: Not Applicable	
PART NUM	MBER: 1017022,	1021878			HAZA	RD CLAS	SSIFICA	TION:	Non Regu	lated	
CHEMICAL	L FAMILY: Ampho	teric Detergent			SHIPF	PING NAM	Æ:	Not Applicab	le		
MATERIAL	LUSE: Commercia	al Detergent									
		-	•	***** (I. PH	YSICAL I	DATA ***	.				
BOILING F	POINT:	198°F	/ 92°C		FRI	EEZE PO	INT:	32°F	,	/ 0°C.	
DENSITY:		1.0 kg/L			% \	/OLATILI	E:	62 by	y wt		
SOLUBILITY IN WATER:		Complete			VA	VAPOR PRESSURE:		: Not A	\vailable	mm Hg at 20 °C.	
ODOR TH	RESHOLD:	Not Available			pH:			7.0			
PHYSICAL FORM:		Liquid			VAI	VAPOR DENSITY:			avier THAN AIR		
APPEARANCE AND ODOR:		•				EFFICIE	TAW TI	: Not Available			
EVAPORATION RATE:		Faster	THAN N-BUT	TYL ACETATE	VO	C g/L (lb/	gal):	0 (0).00)		
MECHANICAL IMPACT:		Not Available			STA	ATIC DIS	CHARG	E: Not /	Available		

***** III. INGREDIENTS *****

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Hazardous ingredients, defined as Controlled Products by Canadian WHMIS, are identified by (HZD) after the chemical ingredient. This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and the MSDS contains all of the information required by the CPR.

CHEMICAL	CAS#	<u>% W</u>	OSHA PEL ppm	ACGIH TLV TWA ppm	ACGIHTLV STEL_ppm	<u>LD50</u>	<u>LC50</u> <u>INHALATION</u>
Alkyl ether of com sugar (C8- C10)	68515-73-1	5-20	Not Available	Not Available	Not Available	Not Available	Not Available
Sodium Lauriminodipropionate	14960-06-6	20-30	Not Available	Not Available	Not Available	Not Available	Not Available
Oxo C13 Alcohol Ethoxylate (HZD)	69011-36-5	1-5	Not Available	Not Available	Not Available	>2,000 mg/kg (oral rat)	Leuciscus idus (fish) (96 hrs) 1-10 mg/Ĺ

SARA Title III Section 313 Information:

Components present in this product at a level which could require reporting under this statute are:

None

California Proposition 65 Information:

This product contains the following chemicals designated as cancer and/or reproductive hazards under California Proposition 65.

None

***** IV. FIRE AND EXPLOSIVE HAZARD DATA *****

FLAMMABLE:

Nο

FLASH POINT: Not Available / Not Available

% UEL: Not Available AUTOIGNITION TEMPERATURE Not Available / Not Available % LEL: Not Available FLAMMABLE LIMITS:

EXTINGUISHING MEDIA: Water fog or fine spray, carbon dioxide, dry chemical or foam. Do NOT use direct water stream.

SPECIAL FIRE FIGHTING PROCEDURES:

Use water spray to keep fire-exposed containers cool. Wear self-contained breathing apparatus; wear goggles if eye protection is not provided.

UNUSUAL FIRE EXPLOSION HAZARD:

None known.

***** V. REACTIVITY DATA *****

STABILITY:

HAZARDOUS POLYMERIZATION (May Occur/Will Not Occur): Will Not

CONDITIONS TO AVOID:

Cold temperatures-product damaged upon freezing.

INCOMPATIBILITY (materials to avoid):

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, corrosive amines and other unidentified organic compounds.

***** VI. HEALTH HAZARD DATA *****

EFFECTS OF OVEREXPOSURE:

THRESHOLD LIMIT VALUE - See Section III for individual ingredients.

PRIMARY ROUTES OF ENTRY: Inhalation & Skin Contact

SKIN CONTACT/ABSORPTION: Prolonged contact will cause irritation or burn.

EYE CONTACT:

Short term contact will cause irritation. Prolonged contact may cause irreversible damage to eye. Use protective eyewear.

INGESTION (Swallowing):

May cause gastrointestinal initation.

INHALATION (Breathing):

None expected.

SUPPLEMENTAL HEALTH INFORMATION:

Ingredients are NOT carcinogenic, based on the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) lists.

***** VII. EMERGENCY AND FIRST AID PROCEDURES *****

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water. Obtain medical attention if irritation persists. Wash clothing

before reuse.

EYE CONTACT:

Flush immediately with water for 15 minutes; CALL A PHYSICIAN.

INGESTION (Swallowing): CALL A PHYSICIAN OR POISON CONTROL CENTER.

INHALATION (Breathing): Remove to fresh air. If breathing difficulty persists or occurs later, consult a physician.

***** VIII. PREVENTIVE MEASURES *****

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain the spill with inert material (sand, earth, fuller's earth, etc.) and if appropriate, transfer the liquid and solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.

WASTE DISPOSAL METHOD:

Dispose of in accordance with federal, state and local regulations.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION and VENTILATION:

No special requirements under ordinary conditions of use.

General exhaust.

PROTECTIVE GLOVES (specify type):

Impervious gloves; i.e., rubber

EYE PROTECTION (specify type)

Chemical splash goggles

SKIN PROTECTION:

Impervious gloves; i.e., rubber

SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE:

KEEP FROM FREEZING.

OTHER PRECAUTIONS:

Do not take internally. Avoid prolonged contact with skin; contaminated clothing should be removed immediately. Avoid

free fall of liquid in excess of a few inches.