

Material Safety Data Sheet

OTIS

Company and Contact Information		
CAF, LLC PO Box 1121 Maple Valley, WA 98038 (425) 433-8277	24-Hour Emergency Number: (800) 255-3924 CHEMTEL Contract Number: MIS0006822 Date Prepared: April 4, 2005. Date Revised: November 12, 2012	Reorder Hotline: (425) 433-8277 email: sales@mycaf.com

Identification – Section I	HMIS Rating
Product Name: OTIS super concentrate multi-surface cleaner	0-Minimal 1-Slight 2- Moderate 3- Serious 4-Extreme
Chemical Family: Moderately Alkaline Material	HEALTH: 0
Formula: N/A	FLAMMABILITY: 0
CAS Number: N/A	PHYSICAL HAZARD: 0
	PERSONAL PROTECTION: B

Hazard Identification – Section II	
Eyes:	May cause severe eye irritation with possible permanent eye damage and impairment of vision.
Skin (Dermal):	Skin contact may cause irritation while prolonged exposure may cause chemical burns.
Ingestion (Swallowing):	May cause severe gastrointestinal irritation and/or ulceration of the mouth and throat. Single dose oral LD50 has not been determined.
Inhalation:	Vapors and mist may cause respiratory tract irritation.
Chronic Overexposure:	None known. May aggravate existing skin/respiratory disorders.
OSHA Regulatory Status:	Since this product is a mixture, there is no defined PEL (personal exposure limits) established by OSHA. AGGIH TLV's (threshold limit values) for hazardous components are listed in the Ingredients section of this MSDS.

Ingredients – Section III			
Chemical Name/Common Name	CAS NO	PERCENT	TLV (Source)
Sodium Metasilicate	6834-92-0	20-40	Not Est.
Sodium Tripolyphosphate	7758-29-4	20-40	Not Est.
No hazardous ingredients subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 is present.			
NOTE: ACGIH - TLV-TWA for nuisance dust is 10 mg/cu m total dust or 5 mg/cu m respirable dust.			

First-Aid Measures – Section IV	
Eyes:	In case of contact, immediately flush eyes with lots of running water for at least 15 minutes. Call for medical assistance.
Skin (Dermal):	Wash with plenty of running water until no product residue remains. Wash contaminated clothing before reuse.
Ingestion (Swallowing):	NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. If vomiting occurs spontaneously, keep airway clear and give more water. GET MEDICAL ATTENTION IMMEDIATELY.
Inhalation:	Remove to fresh air. Give artificial respiration if not breathing. Obtain medical attention.

Fire-Fighting Measures – Section V		
Flash Point: Non Flammable, non combustible	LEL: N/A	UEL: N/A
Extinguishing Media: Use extinguishing media appropriate to primary cause of fire.	Unusual Fire/Explosion Hazards: None known	
Special Fire Extinguishing Procedures: Avoid contact with fire fighting personnel as burns may result from contact with skin. When fighting a fire near or involving this product, wear a self-contained breathing apparatus. (SCBA)		

Accidental Release Measures – Section VI	
Spill / Leak Procedures	Proper protective clothing including rubber gloves and safety goggles should be worn when cleaning up any accidental release. Vacuum, shovel or sweep up and place in containers for disposal in accordance with applicable regulations. Avoid contamination of water bodies during cleanup and disposal.

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Handling and Storage – Section VII	
Handling Information: Store away from acids, oxidizing compounds and other incompatible materials. KEEP OUT OF REACH OF CHILDREN.	Storage Requirements: Keep containers tightly closed when not in use. Empty container completely and dispose of in accordance with applicable regulations. SPILLS: Contain spill. Absorb with inert material and dispose in accordance with applicable regulations. Store away from food production areas and food storage areas.

Exposure Controls and Personal Protection – Section VIII	
Respiratory Protection: Ventilation Requirements: Protective Gloves: Eye Protection:	Respiratory protection should be worn if levels exceed defined PEL's for this product or any hazardous component listed in the Hazardous Ingredient Section of this MSDS. Dispense in well ventilated area to maintain TLV below permissible exposure limits. None required for normal use. Use appropriate eye protection when needed. Contact lenses should not be worn when working with any chemicals.
Empty containers usually still hold residues of material and vapor. These must be disposed of in accordance with proper handling procedures prescribed for hazardous chemicals. When mixing with water, always add this product to water and stir.	

Physical and Chemical Properties – Section IX	Stability and Reactivity – Section X
Appearance: White free flowing powder with mild odor. Boiling Point: (F) Not Est. PH: (1.0% solution) 11.0 – 11.9 Vapor Pressure: (mm/Hg): Not Est.	Stability: Stable Incompatibility: Strong Oxidizing agent, strong acids. Hazardous Decomposition: Carbon monoxide and carbon dioxide upon thermal decomposition. Hazardous Polymerization: Will not occur.
Vapor Density: N/A Solubility in Water: Completely soluble in water Evaporation Rate (Vs ether) N/A	

Toxicological Information – Section XI	
Sodium Metasilicate: Mutagenicity:	This product has not been tested for primary eye irritation potential. However, on the basis of its alkalinity, it is regarded as corrosive to the eyes. OECD Guidelines Section 404 testing resulted in dermal corrosion. Acute Oral Toxicity LD50 (rat): 1500 - 3200 mg/kg. This product was not found to be mutagenetic to the bacterium E. Coli when tested in a mutagenicity bioassay. There are no known reports of carcinogenicity of sodium silicates.

Ecological Information – Section XII	
Sodium Metasilicate: This material is not persistent in aquatic systems, but its high pH when undiluted or un-neutralized is acutely harmful to aquatic life. Diluted material yields dissolved silica in a form that is indistinguishable from natural dissolved silica. It does not contribute to BOD. This material does not bioaccumulate except in species that use silica as a structural material such as diatoms and siliceous sponges.	

Disposal Considerations – Section XIII	
Consult all LOCAL, STATE, and FEDERAL regulations with regards to proper and suitable disposal method.	

Transportation and Storage Information – Section XIV			
Proper Shipping Name:	N/A	Hazard Class:	NOI NMFC 48581, Class 55
UN Number	N/A	Hazard Label:	Cleaning compound powder
Store in a cool dry, well ventilated place away from incompatible materials. Keep package sealed when not in use.			

Regulatory Information – Section XV	
Listed Carcinogen:	None known
TSCA Status:	All components in this product are listed on the TSCA inventory.
SARA Section 313:	This product does not contain any EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning Community Right-To-Know act of 1986 (40CFR 372)
NFPA:	HMIS data listed at the top of this form

Other Information – Section XVI	
References:	The information contained herein is based on data available and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data.