



MATERIAL SAFETY DATA SHEET



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3130071`

PRODUCT NAME: VARI-CLEAN 551

USE: Pulp & Paper Additive

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:
1-800-668-7171
WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: not applicable

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium nitrite	1 - 5	007632-00-0	LD50 85 mg/kg	oral/rat
Amino Tris (Methylene Phosphonic Acid), sodium salt	1 - 10	020592-85-2	not available	not available

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:
Gloves: Neoprene

Eye: Safety glasses

Footwear: Not normally required.

Respiratory: Not normally required.

Other: Not normally required.

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Acids
Oxidizing agents

SPILL PROCEDURES: Wear protective equipment during clean up.
Do not allow the spilled product to go to drain.
Contain with sand or other inert material.
Scoop, shovel or sweep into recovery container. Avoid dust formation.

WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Keep from freezing and avoid heating.
Store in tightly closed containers in a cool dry area.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Dark brown liquid

S.G. / BULK DENSITY(g/cc): 1.148

pH: 10.5 - 11.5

VAPOUR PRESSURE (mmHg): 1

VAPOUR DENSITY (air=1): Not determined.

ODOUR THRESHOLD: Not available

BOILING POINT: 215 F

FREEZING POINT: 0 C

PERCENT VOLATILE: 60%

SOLUBILITY IN WATER: 100%

EVAPORATION RATE (water=1): Not determined.

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES: May cause irritation.

SKIN: May cause irritation.

INGESTION: May cause irritation of digestive tract.

INHALATION: May cause irritation of respiratory tract.

LD50 (calculated):		LC50 (calculated): Not determined.	
OTHER TOXIC EFFECTS: Not determined.			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as acute.			
VI - FIRST AID MEASURES			
EYES:	Flush affected area thoroughly with water. If irritation develops, contact a physician.		
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician.		
INGESTION:	Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient. Contact a physician immediately.		
INHALATION:	Remove patient to fresh air. Contact a physician.		
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: > 100		AUTO IGNITION TEMPERATURE, °C: Not determined.	
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐			
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon Oxides of nitrogen			
EXPLOSIVE SENSITIVITY TO: Not determined.			
VIII - REACTIVITY DATA			
STABILITY: Stable ☒ Unstable ☐			
CONDITIONS TO AVOID: Store in a cool dry area in a closed container.			
INCOMPATIBILITY (Material to Avoid) : Oxidizing agents Acidic Materials			
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon Oxides of nitrogen			
REACTIVITY: Not dangerously reactive.			
IX - MSDS PREPARATION			
SOURCES USED: Raw Materials MSDS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200	
PREPARATION DATE: November 24, 2003			
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