



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4560

PRODUCT NAME: LSP 543

USE: Reductant in HTST destaining procedure

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: Salt

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: Ferrous Sulphate

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ferrous sulphate	60-100	007720-78-7	LD50 319 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene, Nitrile **Eye:** safety goggles **Footwear:** not required
Respiratory: NIOSH approved dust mask **Other:** coveralls

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid breathing dust.**VENTILATION REQUIREMENTS:** mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Oxidizing agents and alkalis.**SPILL PROCEDURES:** Sweep or scoop up material for disposal.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Light blue-green powder**S.G. / BULK DENSITY(g/cc):** 1.9**pH:** not applicable**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**BOILING POINT:** not applicable**FREEZING POINT:** not applicable**PERCENT VOLATILE:** not available**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation.**SKIN:** May cause irritation.**INGESTION:** May cause severe irritation of the digestive tract, shock, liver damage, tachycardia, and possible death.**INHALATION:** Breathing dust may cause respiratory irritation.**LD50 (calculated):** 1480 mg/kg**LC50 (calculated):** not available**OTHER TOXIC EFFECTS:** none known

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.
INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: N/Av

EXTINGUISHING MEDIA: Water Dry Chemical Carbon Dioxide Foam Other

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: not applicable.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable Unstable

CONDITIONS TO AVOID: Very high temperatures.

INCOMPATIBILITY (Material to Avoid) : Oxidizing agents and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulphur dioxide and sulphur trioxide.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: QC Corp. MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Food Division
Phone (905) 829-1200

PREPARATION DATE: April 15, 2003

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