



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2753

PRODUCT NAME: HARVEY'S SCOTCH PINE**USE:** Multi Purpose Cleaner**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** B2 D2B**CHEMICAL FAMILY:** Alkaline Fatty Acid /Solvent**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Isopropanol	3-7	000067-63-0	LD50 5045 mg/kg	oral/rat
Dipentene	5-10	000138-86-3	LD50 5000 mg/kg	oral/rat
Tall oil fatty acid, sodium salt	5-10	061790-45-2	not available	
Pine oil	10-30	008002-09-3	LD50 3200 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural Rubber, Neoprene or Nitrile **Eye:** Safety glasses **Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask. **Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Do not expose to heat, spark or open flame. Avoid eye and prolonged skin contact.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** acidic materials, strong oxidizers.**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Remove all sources of heat and ignition. Ensure adequate ventilation. Mop up or soak up with absorbent clay for disposal. Wash spill area with large volumes of water.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container. Do not store above 30°C. Avoid freezing. UN1993

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, dark green liquid - pine odour**S.G. / BULK DENSITY(g/cc):** 0.98**pH:** (concentrate) 10.8**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 95°C**FREEZING POINT:** not available**PERCENT VOLATILE:** approx. 85%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation. May cause temporary or permanent damage if not treated promptly.**SKIN:** Repeated or prolonged contact may result in irritation.**INGESTION:** May cause severe irritation of the digestive tract.

INHALATION: Breathing spray or mist may cause respiratory irritation.	
LD50 (calculated): 3200 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: TLV - TWA (Isopropanol): 400 ppm	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
VI - FIRST AID MEASURES	
EYES:	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.
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.
INHALATION:	Remove patient to fresh air.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, ignited by spark or open flame.	
FLASH POINT, °C: 30 (Pensky-Martens)	AUTO IGNITION TEMPERATURE, °C: N/A
EXTINGUISHING MEDIA: Water [] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not available	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : acidic materials, strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
Information on this form is furnished in compliance with the Regulations respecting Controlled Products under the Hazardous Products Act and is not to be used for any other purpose, nor is it to be reproduced or published. JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. In addition, JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any abnormal use or theft of the material, even if reasonable safety procedures are followed. Each user assumes the risk in his use of the material and should review the data and recommendations in the specific context of the intended use.	