

Extinguishing Media..... Foam, Carbon Dioxide, Dry Chemical, Halon, Water Fog
 Hazardous Combustion Products..... Carbon Dioxide, Carbon Monoxide
 Sensitivity to Mechanical Impact..... Not Sensitive
 Sensitivity to Static Discharge Not Sensitive

SECTION 06: PREVENTIVE MEASURES

Protective Equipment:

Eye/Type..... Safety glasses / goggles.
 Respiratory/Type Approved air purifying respirator or supplied air respirator for aerosols, or vapour in confined spaces.
 Gloves/Type..... Wear impervious gloves (Latex, Nitrile, Neoprene or Rubber).
 Clothing/Type..... Suitable for splash protection (long sleeves, rubber apron)
 Footwear/Type..... Safety boots per local regulations

Ventilation Requirements General/Mechanical

Handling Open and handle containers with care. Residue on the floor can be slippery. Product may innocuously separate and become two phase under conditions of high shear (pumping).

Storage Needs Store in cool place away from incompatible materials. Keep containers closed. Product may innocuously separate and become two phase if frozen and thawed. Product may innocuously separate if stored for extended periods (>6 months).

Leak/Spill Small Spill - Wipe-off/soak-up with suitable absorbent. Allow residue to dry, and remove by scraping.
Large Spill - Prevent additional discharge of material. Dike. Prevent flow into water concourses.
 Collect, separating uncontaminated material for re-use. Wipe-off/soak-up residue with suitable absorbent.
 Remove traces with large quantity of water.

SECTION 07: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Liquid (emulsion)
 Appearance White
 Viscosity (cPs, water=1)..... max. 300
 Volatility (wt%)..... 40 - 50
 Specific Gravity 0.91 - 0.97
 pH..... 9.0 – 11.0
 Solubility in Water..... Disperses
 Odour..... Mild, sweet odor
 Odour threshold (ppm) Not Available
 Vapour Pressure (mm Hg)..... Not Available
 Vapour Density (air=1)..... ~1
 Evaporation Rate (n-butyl acetate=1) .. <1
 Coefficient of water/oil distribution..... ~1.2 (theoretical)
 Boiling Point (°C)..... 100 (initial)
 Freezing Point (°C)..... ~ 0
 Melting Point (°C)..... Not Applicable

SECTION 08: STABILITY AND REACTIVITY

Hazardous Polymerization Will not occur
 Chemical Stability Stable
 Incompatibility..... Strong oxidizers
 Reactivity Conditions Stable
 Hazardous Products of
 Decomposition (thermal) Carbon Monoxide, Carbon Dioxide

SECTION 09: TOXICOLOGICAL INFORMATION

Routes of Entry:

Eye..... Moderate irritant by direct contact (acute).
Skin..... Generally non-irritating (acute). May cause sensitization by repeated skin contact.
Inhalation..... Elevated temperatures may form acutely irritating vapours.
Ingestion Not acutely toxic. Chronic ingestion of paraffins in rats has shown accumulation in target organs (liver spleen) with associated nonspecific immune response.

Exposure Limits:

LD/50..... >5000 mg/Kg (oral, rat) for similar base wax materials
LD/50..... >3160 mg/Kg (dermal, rabbit) for similar base wax materials
LC/50..... >5000 mg/m³ (rat) for similar base wax materials
TLV/TWA 2 mg/m³ (ACGIH, paraffin wax fume); 5 mg/m³ (ACGIH, oil mist)

Carcinogenicity..... Not Listed (IARC, ACGIH)
Teratogenicity/Mutagenicity None Known
Reproductive Effects..... None Known.
Synergistic Materials None Known.

SECTION 10: ECOLOGICAL INFORMATION

Environmental Not Available
Ectotoxicological Information Not Available
Biodegradability Not Available

SECTION 11: TRANSPORT INFORMATION

U.N. # None
T.D.G. Classification Not Regulated
D.O.T. Classification Not Regulated

SECTION 12: REGULATORY INFORMATION

U.S. Federal Regulations Not Regulated by OSHA 29 CFR 1910.1200.
US TSCA:..... Ingredients appear on the Toxic Substances Control Act Inventory
US State Regulations Not Controlled
WHMIS Classification..... Not Controlled
DSL Ingredients of this product appear on the Domestic Substances List
CPR Compliance This product has been classified in accordance with the hazard criteria of the CPR/HPA and the MSDS contains all of the information required by the CPR/HPA.

SECTION 13: PREPARATION

Prepared by Norjohn Ltd. - Emulsion Division , Department of Research and Development
Contacts M Racota, L. Sinnige
(905-680-3766)
Approved by Walker Industries Holding Ltd. – Health and Safety Department
(905-227-4142)
Preparation Date July 23, 1996
Revision Date February 22, 2011
Revision #..... 009

SECTION 14: OTHER INFORMATION

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 provided.