



MATERIAL SAFETY DATA SHEET

Nobles MP Multi Purpose Floor Cleaning Concentrate

12875 Ransom Street
Holland, MI 49424

EMERGENCY PHONE NUMBERS:

CHEMTREC: (800) 424-9300 (24 hrs)
CANADA: CANUTEC (613) 996-6666 (24 hrs)

District of Columbia: (202) 483-7616 (24 hrs)
MSDS Requests: (800) 553-8033

PREPARATION INFO:

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This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. 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 contained herein.

Issue Date:	April 25, 2007	HAZARD RATING	NFPA	HMIS		NFPA	HMIS	4 = Extreme	3 = High	0 = Insignificant
Supersedes:	July 17, 2006	Health	1	1	Reactivity	0	0	2 = Moderate	1 = Slight	COR = Corrosive
Printed:	8/29/2007	Fire	1	1	Special	0	X			X = Ask supervisor for guidance.

***** I. IDENTIFICATION *****

PRODUCT NAME:	Nobles MP Multi Purpose Floor Cleaning Concentrate	US DEPT OF TRANSPORTATION (GROUND):	
PART NUMBER:	1017019	UN#: None Allocated	PACKAGING GROUP: Not Applicable
CHEMICAL FAMILY:	Amphoteric Detergent	HAZARD CLASSIFICATION:	Non Regulated
MATERIAL USE:	Commercial Detergent	SHIPPING NAME:	Not Applicable

***** II. PHYSICAL DATA *****

BOILING POINT:	212°F / 100°C	FREEZE POINT:	32°F. / 0°C.
DENSITY:	1.0 kg/L	% VOLATILE:	66 by wt
SOLUBILITY IN WATER:	Complete	VAPOR PRESSURE:	Not Available mm Hg at 20 °C.
ODOR THRESHOLD:	Not Available	pH:	7.0
PHYSICAL FORM:	Liquid	VAPOR DENSITY:	Heavier THAN AIR
APPEARANCE AND ODOR:	Lt. To Dk. Amber/Soapy	COEFFICIENT WATER/OIL DISTRIBUTION:	Not Available
EVAPORATION RATE:	Faster THAN N-BUTYL ACETATE	VOC g/L (lb/gal):	0 (0.00)
MECHANICAL IMPACT:	Not Available	STATIC DISCHARGE:	Not Available

***** III. INGREDIENTS *****

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Hazardous ingredients, defined as Controlled Products by Canadian WHMIS, are identified by (HZD) after the chemical ingredient. This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and the MSDS contains all of the information required by the CPR.

CHEMICAL	CAS #	% W	OSHA PEL ppm	ACGIH TLV TWA ppm	ACGIH TLV STEL ppm	LD50	LC50 INHALATION
Alkyl ether of corn sugar (C8-C10)	68515-73-1	5-20	Not Available	Not Available	Not Available	Not Available	Not Available
Sodium Lauriminodipropionate	14960-06-6	15-25	Not Available	Not Available	Not Available	Not Available	Not Available
Oxo C13 Alcohol Ethoxylate (HZD)	69011-36-5	1-5	Not Available	Not Available	Not Available	>2,000 mg/kg (oral rat)	Leuciscus idus (fish) (96 hrs) 1-10 mg/L

*New Jersey Trade Secret Number 0718

SARA Title III Section 313 Information:

Components present in this product at a level which could require reporting under this statute are:
None

California Proposition 65 Information:

This product contains the following chemicals that have been designated as cancer and/or reproductive hazards under California Proposition 65.
None

***** IV. FIRE AND EXPLOSIVE HAZARD DATA *****

FLAMMABLE: No **FLASH POINT:** Not Available / Not Available Setofflash
FLAMMABLE LIMITS: % LEL: Not Available % UEL: Not Available **AUTOIGNITION TEMPERATURE** Not Available / Not Available
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIRE FIGHTING PROCEDURES:
None. Will not burn.
UNUSUAL FIRE EXPLOSION HAZARD:
None known.

***** V. REACTIVITY DATA *****

STABILITY: Stable **HAZARDOUS POLYMERIZATION (May Occur/Will Not Occur):** Will Not
CONDITIONS TO AVOID: Cold temperatures--product damaged upon freezing.
INCOMPATIBILITY (materials to avoid): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide and/or nitric oxide.

***** VI. HEALTH HAZARD DATA *****

EFFECTS OF OVEREXPOSURE: **THRESHOLD LIMIT VALUE - See Section III for individual ingredients.**
PRIMARY ROUTES OF ENTRY: Inhalation & Skin Contact
SKIN CONTACT/ABSORPTION: Contains materials that may cause irritation upon repeated/prolonged contact.
EYE CONTACT: Contains materials which may cause eye irritation. During application of this product, contact lenses should NOT be worn.
INGESTION (Swallowing):
May cause gastrointestinal irritation.
INHALATION (Breathing):
None expected.
SUPPLEMENTAL HEALTH INFORMATION:
Ingredients are NOT carcinogenic, based on the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) lists.

***** VII. EMERGENCY AND FIRST AID PROCEDURES *****

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.
EYE CONTACT: Flush immediately with water for 15 minutes; CALL A PHYSICIAN.
INGESTION (Swallowing): CALL A PHYSICIAN OR POISON CONTROL CENTER.
INHALATION (Breathing): Remove to fresh air. If breathing difficulty persists or occurs later, consult a physician.

***** VIII. PREVENTIVE MEASURES *****

SPILL OR LEAK PROCEDURES **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**
Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain the spill with inert material (sand, earth, fuller's earth, etc.) and if appropriate, transfer the liquid and solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.
WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.
SPECIAL PROTECTION INFORMATION
RESPIRATORY PROTECTION and VENTILATION:
No special requirements under ordinary conditions of use.
General exhaust.
PROTECTIVE GLOVES (specify type): **EYE PROTECTION (specify type)**
Impervious gloves; i.e., rubber Chemical splash goggles
SKIN PROTECTION: Impervious gloves; i.e., rubber
SPECIAL PRECAUTIONS: **PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE:**
KEEP FROM FREEZING.
OTHER PRECAUTIONS: Do not take internally. Avoid prolonged contact with skin; contaminated clothing should be removed immediately. Avoid free fall of liquid in excess of a few inches.