



MATERIAL SAFETY DATA SHEET

STARK INDUSTRIAL
527 DUNDONALD STREET
FREDERICTON, NEW BRUNSWICK E3B 1X5
CANADA

SECTION I - MATERIAL IDENTIFICATION AND USE

PRODUCT - POLY PRO
PRODUCT USE - Polymer Solvent
CHEMICAL FAMILY - Alkalies
CHEMICAL FORMULA - Blend
WHIMIS CLASSIFICATION - Class B, Division 2, Class D,
Division 2, Sub-division B.

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	% RANGE	CAS NO. UN NO OR NA NO	LD (50) (Rat/Oral)	LC (50)
Sodium Metasilicate	1-5	6834-92-0	847 mg/kg	N/A

SECTION III - PHYSICAL/CHEMICAL DATA

BOILING POINT - 100° C
SPECIFIC GRAVITY - 1.075
VOLATILITY/VOL (%) - 90%
VAPOUR PRESSURE - Not Available
COEFF. WATER/OIL - Not Available
SOLUBILITY IN WATER - Complete
pH - 12-13
APPEARANCE & ODOUR - Yellow with sweet smell

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY - Non-Flammable
FLASH POINT (METHOD USED) - None
EXTINGUISHING MEDIA - Water fog, Foam, C₀₂
SPECIAL FIRE FIGHTING PROCEDURES - None
HAZARDOUS COMBUSTION PRODUCTS - CO, CO₂, PO_x

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY - Stable
CONDITIONS OF REACTIVITY - Reacts with acids,
oxidizers
INCOMPATIBLE MATERIALS - None
HAZARDOUS DECOMPOSITION - In a fire can produce
oxides of Carbon & phosphorus

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY

SKIN CONTACT - Yes
SKIN ABSORPTION - No
EYE - Yes
INHALATION - Yes
INGESTION - Yes

ACUTE OVER EXPOSURE EFFECTS

EYES - Burning, Inflammation
SKIN - None known
INGESTION - Irritation of lips, mouth & throat
INHALATION - Irritation of nose & throat

CHRONIC OVER EXPOSURE EFFECTS - Not Available

SECTION VII - PREVENTIVE MEASURES

GLOVES - PVC or rubber
RESPIRATORY - Not required
EYE - Chemical safety goggles
FOOTWEAR - Normal
CLOTHING - Long sleeve shirt
OTHER - Eye wash and shower
ENGINEERING CONTROLS - Local exhaust
LEAK & SPILL PROCEDURES - Flush small quantities
with large amounts of
water.
WASTE DISPOSAL - In accordance with by-laws.
STORAGE REQUIREMENTS - Keep away from
freezing
HANDLING PROCEDURES - Standard

SECTION VIII - FIRST AID MEASURES

EYES - Flush eyes with water
SKIN - Wash skin with soap and water
IF INHALED - Get to fresh air
IF SWALLOWED - Drink several glasses of water
to dilute, then vinegar or lemon
juice. If discomfort continues,
induce vomiting
ADDITIONAL INFORMATION - Call physician

SECTION IX - TDG SHIPPING INFORMATION

DOT SHIPPING NAME - Not regulated
HAZARD CLASS -
UN NUMBER -
PACKAGING SIZE -
SPECIAL SHIPPING INFORMATION -

SECTION X - PREPARATION DATE OF MSDS

PREPARED BY - Stark Industrial
PHONE NUMBER OF PREPARER - 1-888-709-7773
DATE PREPARED - February 22, 2017

SOURCES USED - SUPPLIERS MSDS, CCOHS
INFORMATION, MERCK INDEX.

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