

MATERIAL SAFETY DATA SHEET

REVISED March 2009

This revised report complies with MSDS rules and is in accordance with 29 CFR 1910.1200-1500 Hazardous Communication Act effective 25 November 1985 including Subpart Z.

Mfg. For: MOKON DIVISION

Protective Closures Company, Inc.
2150 Elmwood Avenue, Buffalo, NY 14207
716-876-9951

Manufactured By:

Delta Products Group
P.O. Box 6466, Aurora, IL 60544
630-264-6001

PRODUCT INFORMATION

TRADE NAMES OR SYNONYMS: *MOKON D-Scaler Fluid, Delta Safe D Scale*
FORMULA: PROPRIETARY, CONFIDENTIALITY REQUIRED
CHEMICAL FAMILY: WATER SCALE SOLVENT

HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	TLV (p.p.m.)	APPROXIMATE %
HYDROGEN CHLORIDE, AQUEOUS	5	LESS THAN 10

NOTE: This material is an aqueous organic salt solution and as such should NOT be considered hazardous under normal use conditions.

NOTE: Laboratory tests indicate material to be BIODEGRADABLE. USDA approved for use in beverage, pharmaceutical, bottling, poultry and other food processing plants.

PHYSICAL DATA

BOILING POINT: 213° F
SOLUBILITY IN WATER: MISCIBLE
SPECIFIC GRAVITY, (WATER = 1): 1.045
VAPOR PRESSURE: 30 TORR.
VAPOR DENSITY, (AIR = 1): GREATER THAN 1
PERCENT VOLATILE BY VOLUME: 99.6%
APPEARANCE: DARK LIQUID
ODOR: CHARACTERISTIC
EVAPORATION RATE, (WATER = 1): SLOW
PHYSICAL STATE: LIQUID

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NO FLASH POINT, EXTINGUISHES FLAME.
EXTINGUISHING MEDIA: DOES NOT SUPPORT COMBUSTION.
SPECIAL FIRE FIGHTING PROCEDURES: NONE- WATER WILL CONTROL, AS WILL CO₂.
UNUSUAL FIRE & EXPLOSION HAZARDS: NON-COMBUSTIBLE OR EXPLOSIVE.
HEALTH: 0
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: Gloves & Glasses

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NONE FOR TOTAL - MATERIAL IS AN AQUEOUS ORGANIC SALT SOLUTION AND AS SUCH HAS LITTLE VAPOR PRESSURE AND NO NOXIOUS FUMES.

EFFECTS OF OVEREXPOSURE: NOT CONSIDERED HAZARDOUS WHEN USED AS DIRECTED.

EMERGENCY FIRST AID PROCEDURES: IF EYE/SKIN CONTACT, COPIOUS WATER RINSE. CONSULT PHYSICIAN. NOT TO BE TAKEN INTERNALLY. IF INGESTED- DO NOT INDUCE VOMITING - DRINK MILK, EGG WHITES, ETC. AS DIRECTED BY PHYSICIAN.

REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITIES (MATERIALS TO AVOID): STRONG CAUSTICS

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: EXCESSIVE HEATING OVER 120° F

SPILL AND DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS: RINSE WITH COPIOUS AMOUNTS OF WATER TO DILUTE; SODIUM BICARBONATE MAY ALSO BE USED TO SOAK UP AND NEUTRALIZE.

DISPOSAL METHOD: EXPENDED OR USED MATERIAL MAY BE DISPOSED DOWN SEWER WITH WATER FLUSH. MATERIAL IS **BIODEGRADABLE** - EVEN AS RECEIVED.

SPECIAL HANDLING INFORMATION

VENTILATION: 1. LOCAL EXHAUST: NORMAL
2. MECHANICAL (GENERAL): SUFFICIENT
3. RESPIRATORY PROTECTION (TYPE): NONE REQUIRED

PROTECTIVE GLOVES: AS RECOMMENDED BY PLANT SAFETY DEPARTMENT.

EYE PROTECTION: AS RECOMMENDED BY PLANT SAFETY DEPARTMENT.

OTHER PROTECTIVE EQUIPMENT: AS RECOMMENDED BY PLANT SAFETY DEPARTMENT.

SPECIAL PRECAUTIONS

HANDLING AND STORING: PRESERVE INTEGRITY OF CONTAINER

CAN MATERIAL BE STORED OUTSIDE? YES, MAINTAIN MATERIAL BETWEEN 10°-120° F

IS MATERIAL FREEZABLE? YES, AT AROUND 10° F

OTHER PRECAUTIONS: Do not circulate material for more than a four hour period without consulting the manufacturer. Most cleaning can be accomplished in an average of two hours. Please use material only as directed. Do not heat. Use *MOKON D-Scaler Fluid* at an ambient temperature. Do not pressurize circulating solution or elevate temperature above 120° F.

This data is furnished independent of any sales of the product only for your investigation and independent verification. While information is believed to be correct, manufacturer shall in no event be responsible for any damage whatsoever, directly or indirectly, resulting from the publication or use of or reliance upon data contained herein. No warranty, either expressed or implied, of merchantability, of fitness, or of any nature with respect to the product, or to the data, is made herein.