

HARRY MILLER CORP -- STEELGARD 1301 -- 8030-01-059-5478

=====
Product Identification
=====

Product ID:STEELGARD 1301
MSDS Date:04/24/1991
FSC:8030
NIIN:01-059-5478
MSDS Number: CFQXD
=== Responsible Party ===
Company Name:HARRY MILLER CORP
Address:4TH & BRISTOL CORP
City:PHILADELPHIA
State:PA
ZIP:19140
Country:US
Emergency Phone Num:800-424-9300 (CHEMTREC)
Preparer's Name:RONALD J JONIEC
CAGE:EO4
27

=== Contractor Identification ===
Company Name:HARRY MILLER CORPORATION
CAGE:EO427
Company Name:MILLER HARRY CORP
Address:4TH AND BRISTOL ST
Box:City:PHILADELPHIA
State:PA
ZIP:19140
Country:US
CAGE:07648

=====
Composition/Information on Ingredients
=====

Ingred Name:BARIUM SULFONATES
RTECS #:CR0700000
Fraction by Wt: 1-5%
ACGIH TLV:0.5 MG/M3 (MFR)

Ingred Name:MINERAL OIL (IF MISTED)
CAS:8012-95-1
RTECS #:PY8030000
Fraction by Wt: 50-55%
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3

(MIST)

Ingred Name:LEAD TALLATE
CAS:61788-54-3
Fraction by Wt: 10-15%
OSHA PEL:RULE IN PROCESS
ACGIH TLV:0.15 MG PB/M3

Ingred Name:BENZINI; (PETROLEUM DISTILLATES)
CAS:8030-30-6
RTECS #:DE3030000
Fraction by Wt: 5-10%
ACGIH TLV:525 MG/M3 (MFR)

=====
===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: BURNING, REDDENING,
TEARING. SKIN: IRRIT POSS LEADING TO DERM IF PRLNG CONT OCCURS.
INHAL: IRRIT TO RESP TRACT. CHRONIC: LEAD APPEARS ON THE NAVY OCCUP
CHEM REPRO HAZ LIST. SEEK CONSULTATION FROM APPROP HLTH
PROFESSIONALS CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS
INFO .
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

=====
===== First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,
ADMINISTER OXYGEN. CALL MD. SKIN: FLUSH WITH COPIOUS AMOUNTS OF
WATER. SEE MD (F P N). INGESTION: CALL MD IMMEDIATELY .

=====
===== Fire Fighting Measures =====

Flash Point Method:COC
Flash Point:190F,88C
Extinguishing Media:CARBON DIOXIDE, FOAM, DRY POWDER.
Fire Fighting P

rocedures:WEAR NIOSH APPROVED SCBA & FULL PROTECTIVE
EQUIPMENT . COVER SURFACE OF BURNING LIQ W/EXTINGUISHING AGENT.
KEEP ADJACENT CONTAINERS COOL BY RUNNING WATER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== Accidental Release Measures =====

Spill Release Procedures:RECOVER FREE LIQUID. ABSORB WITH INERT
MATERIAL. MINIMIZE FIRE HAZARD. KEEP OUT OF WATERWAYS AND SEWERS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER CLOSED. DO NOT HANDLE
OR STORE NEAR HEAT, SPARKS, OR OPEN FLAME.
Other Precautions:SINCE CONTAINERS CONTAIN PRODUCT RESIDUE, OBSERVE ALL
LABEL PRECAUTIONS WHEN EMPTY. DO NOT CUT, DRILL, WELD, OR GRIND ON
OR NEAR CONTAINER. DO NOT REUSE UNLESS THOROUGHLY CLEANED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF EXPOSURE EXCEEDS TLV,
WEAR NIOSH APPROVED
RESPIRATORS.
Ventilation:NOT REQUIRED.
Protective Gloves:RUBBER OR NEOPRENE.
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .
Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA .
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
PH: 9-10 (@ 5%).

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:302F,150C
Melt/Freeze Pt:M.P/F.P Text:-10F,-23C
Vapor
Density:>1
Spec Gravity:0.984 (H*2O=1)
pH:SUPDAT
Evaporation Rate & Reference: