

TREIBACHER SCHLEIFMITTEL CORP. -- LIONITE, ALUMINUM OXIDE -- 5350-00-174-6460

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Product Identification
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Product ID:LIONITE, ALUMINUM OXIDE
MSDS Date:11/01/1994
FSC:5350
NIIN:00-174-6460
MSDS Number: CGNCK
=== Responsible Party ===
Company Name:TREIBACHER SCHLEIFMITTEL CORP.
Address:2000 COLLEGE AVE.
Box:1438
City:NIAGARA FALLS
State:NY
ZIP:14302
Country:US
Info Phone Num:716-286-1250
Emergency Phone Num:716-286-1234
CAGE:KO436
=== Contractor Identification ===
Company Name:TREIBACHER SCHLEIFMITTEL CORP.
Address:2000 COLLEGE AVE.
Box:1438
City:NIAGARA FALLS
State:NY
ZIP:14302
Country:US
Phone:716-286-1250
CAGE:KO436

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Composition/Information on Ingredients
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Ingred Name:ALUMINUM OXIDE (AL2O2)
CAS:1344-28-1
RTECS #:BD1200000
Fraction by Wt: 99.4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:SODIUM OXIDE (NA2O)
CAS:12401-86-4
RTECS #:WC4800000
Fraction by Wt: 0.3%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:SILICON DIOXIDE (SIO2)
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:IRON OXIDE (FE2O3)
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:5 MG/M3

Ingred Name:MAGNESIUM OXIDE (MGO)
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: 0.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: IRRITATION.
INHAL: RESPIRATORY DISORDERS, MUCOUS MEMBRANE IRRIT. SYMPTOMS OF
EXCESS EXPOSURE MIGHT INCLUDE DEPOSITS OF MATERIALS IN EYES, EARS,
NASAL PASSAGES.
Medical Cond Aggravated by Exposure:INDIVIDUALS W/IMPAIRED PULMONARY
FUNCTION SHOULD NOT BE SUBJECT TO EXCESS AIRBORNE CONCENTRATIONS.

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First Aid Measures
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First Aid:EYE: FLUSH W/WATER. SKIN: FLUSH W/WATER. INHAL: REMOVE TO
FRESH AIR. IN ALL CASES, GET MED AID.

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Fire Fighting Measures
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Flash Point:NON-FLAMMABLE
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:NA
Fire Fighting Procedures:NA
Unusual Fire/Explosion Hazard:NA

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Accidental Release Measures
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Spill Release Procedures:NORMAL PRECAUTION FOR INERT OR NUISANCE DUST OR PARTICLES.

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Handling and Storage
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Handling and Storage Precautions:USE HANDLING PROCEDURES WHICH WILL LIMIT EXPOSURE TO EXCESSIVE AIRBORNE DUST.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR DEVICES FOR NUISANCE DUST.
Ventilation:USE LOCAL EXHAUST TO KEEP AIRBORNE CONCENTRATIONS BELOW TLV.
Protective Gloves:REQUIRED
Eye Protection:REQUIRED
Other Protective Equipment:ARM SLEEVES OR BARRIER CREAMS MAY BE USEFUL TO PREVENT SKIN CONTACT.
Work Hygienic Practices:MAINTAIN NORMAL HOUSEKEEPING PROCEDURES FOR NUISANCE DUST.
Supplemental Safety and Health
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Physical/Chemical Properties
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Boiling Pt:B.P. Text:NA
Melt/Freeze Pt:M.P/F.P Text:3722F,2050C
Vapor Pres:0
Vapor Density:NA
Spec Gravity:3.95 H2O =1
Evaporation Rate & Reference:NA
Solubility in Water:INSOLUBLE
Appearance and Odor:LIGHT TO DARK BROWN, NO ODOR.
Percent Volatiles by Volume:NA

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
INCOMPATIBLE W/HOT CHLORINATED RUBBER.
Stability Condition to Avoid:NA
Hazardous Decomposition Products:NA

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE AND LOCAL REGULATIONS.

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