

CHISEL

HEAVY-DUTY, RINSE-FREE STRIPPER

CHISEL is a liquid floor stripper that takes off old layers of finish without machine scrubbing. CHISEL is a potent formula penetrates deep into the pores of the floor to completely strip away multiple layers of finish with just one mop application. CHISEL will not harm vinyl, linoleum or resilient flooring tile, and is safe to use since it works without creating noxious fumes.



FOR USE BY:

Airports
Apartment Buildings
Buildings Maint.
Grounds Maint.
Bus Lines
Corrections
Daycares
Hospitals
Hotels/Motels
Medical Buildings
Nursing Homes
Packaging Plants
Processing Plants
Restaurants
Sanitation Dept.
Schools
Street Dept.
WWTP

FOR USE ON:

Tile
Hardwood
Bamboo
Vinyl
Marble
Ceramic
Linoleum
Stone
Terrazzo

FEATURE-BENEFIT:

Penetrates deep into pores of floors to unlock metal cross-linked finishes.

Cuts through up to 12 coats of finish with only one mop Application.

Does not harm vinyl or resilient tiles.

Low-Odor Formula does not produce noxious ammonia fumes.

CHISEL HEAVY-DUTY RINSE-FREE STRIPPER

DIRECTIONS:

Apply a rate of 4,000 square feet per gallon. Dilute 16-32 ounces of stripper per gallon of water. Flood floor with stripping solution. Wait 5 to 10 minutes, and then pick up the stripper residue with a wet vac or auto scrubber.

TECHNICAL DATA:

Appearance: Yellow liquid
Fragrance: Detergent
Stability: 1 Year
pH: 13.0-13.75

CONTACT INFORMATION

OFFICE:
1-888-6PURITY (678-7489)
FAX
1-877-9PURITY (978-7489)
ADDRESS:
114 SOUTHFIELD PKWY
SUITE 120
FOREST PARK GA. 30297
www.puritychemicals.com

MATERIAL SAFETY DATA SHEET

Total Solutions for Purity Chemicals, Inc
PO Box 188
Forest Park, GA 30297
General Information Number: (404) 363-0767
Emergency Number: (800) 535-5053



REVISION DATE: November 7, 2004
DATE OF ISSUE: November 9, 2004

I - Product Identification

PRODUCT CODE: 1716
CHEMICAL FORMULATION: Water based alkaline detergent/cleaner.
NFPA HAZARD IDENTIFICATION SYSTEM: **HEALTH:** 2
FLAMMABILITY: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant
REACTIVITY: 0

II - Hazardous Ingredients

Values reported as TVA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR: 302	355	372	CAS #
2-Butoxyethanol	5.00-15.0	25 ppm (skin)	25 ppm (skin)	N	N	Y	111-76-2
Monoethanolamine	1.00-5.00	3 ppm	3 ppm	N	N	N	141-43-5
Cocodihexanolamide	1.00-3.00	N/E	N/E	N	N	N	120-40-1
Potassium Hydroxide	1.00-5.00	2 mg/m ³	2 mg/m ³	Y	N	N	1310-58-3
Sodium Metasilicate	1.00-3.00	N/E	N/E	N	N	N	6834-92-0
Sodium Tripolyphosphate	1.00-3.00	N/E	N/E	Y	N	N	7758-29-4
Ethoxylated Alcohols Phosphate Ester	< 2.00	N/E	N/E	N	N	N	68130-47-2

Key: **PEL:** Permissible Exposure Limit
TLV: Threshold Limit Value
N/A: Not Applicable
N/D: Not Determined
C: Ceiling level
STEL: Short Term Exposure Limit
Y: Yes
N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D
SPECIFIC GRAVITY (WATER = 1): 1.05
VAPOR PRESSURE (mm Hg): N/D
VOC CONTENT (% by weight): N/D
VAPOR DENSITY (AIR = 1): N/D
EVAPORATION RATE (WATER = 1): N/D
SOLUBILITY IN WATER: Soluble
pH: 12.5-13.75
APPEARANCE AND ODOR: Clear, slight yellow liquid; detergent odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): None
TEST METHOD: Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %)
UPPER: N/A
LOWER: N/A
SPECIAL FIRE FIGHTING MEDIA: Water, foam, carbon dioxide, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Cool drums in vicinity of fire with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: None.

PRODUCT NAME: Chisel

PRODUCT CODE: 1716

V - Reactivity Data

STABILITY: Stable
INCOMPATIBILITY: Strong acids.
CONDITIONS TO AVOID: None
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None
EFFECTS OF OVEREXPOSURE
IF IN EYES: Moderate to severe irritation and redness. May cause permanent damage to cornea depending on length of exposure and concentration of product.
IF ON SKIN: Severe irritation and burns, destruction of tissue.
IF SWALLOWED: Danger-May be harmful or fatal if swallowed. Severe burns to mucous membranes.
IF INHALED: Irritation of respiratory tract, headache, dizziness.
EMERGENCY AND FIRST AID PROCEDURES
IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.
IF ON SKIN: Flush skin for 15 minutes with water while removing contaminated clothing. Obtain medical attention if irritation persists. Launder clothing separately before re-use.
IF SWALLOWED: Contact physician or poison control center immediately. Rinse mouth with water and give affected person one to two glasses of water. Do not induce vomiting unless instructed by a poison control center or doctor. Never give anything by mouth to an unconscious person.
IF INHALED: Remove person to fresh air. If breathing stops, administer artificial respiration. If breathing is difficult, give oxygen.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Contain spill. Soak up on inert absorbent material and place in a properly labeled closed container for disposal.
WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.
VENTILATION **LOCAL:** Recommended **MECHANICAL:** Not required
PROTECTIVE GLOVES: Chemical resistant.
EYE PROTECTION: Safety glasses or chemical goggles.
OTHER PROTECTIVE EQUIPMENT: Protective clothing. Eye wash station.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from acids. Never add water to this product, always add this product to water. Do not mix with other cleaning chemicals. Keep container tightly closed when not in use.
OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: Compounds, cleaning liquid (potassium hydroxide)
DOT CLASS: 8
DOT ID NUMBER: NA1760
DOT PACKING GROUP: III
The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further mandated, different shipping names and labeling may apply.

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