

# Killstat Floor Stripper

## TECHNICAL DATASHEET

KS40 1/GAL

### Description

Remove floor finishes quickly with our Killstat Floor Stripper. Our Killstat Floor Stripper is the first stage to remove coats of wax and synthetic floor finishes quickly and efficiently and lifts the embedded dirt from the floor. (This complies directive 76/769/EEC). Floors are left with a surface that is completely clean and ready for the floor finish (1 litre is suitable for stripping a floor up to 100 square meters). Killstat Floor Stripper is recommended to be used to remove water-based floor finishes.



1 Gallon

1 Litre

### Features

- Red solution colour
- Slight solvent odour
- Liquid solution
- Removes water-based floor finishes
- Removes coats of wax and synthetic floor finishes
- Lifts the embedded dirt from the floor
- This complies directive 76/769/EEC
- 1 litre is suitable for stripping a floor up to 100 square meters
- Screw-on cap
- 1 gallon and 1 litre options to order
- Handle on 1 gallon container for ease of carrying
- ESD susceptible symbol features on each formulas' packaging
- Compliant according to IEC-61340-1-5 International Standard
- RoHS and REACH compliant

### Directions For Use

- 1)** Strip the floor with an anti-static floor stripper to remove coats of wax and synthetic floor finishes.
- 2)** Polish the floor with an anti-static floor finish to maintain the efficiency of the flooring's surface.
- 3)** Apply a static-dissipative restorer and cleaner to finalise the floor treatment.



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## Section 1: Use & Contact Details

**Recommend use:** Used to remove water-based floor finishes.

**Emergency telephone:** INFOTRAC: (01) 800.535.5053 (day or night).

## Section 2: Hazardous Identification

NFPA HAZARD RATING: (0) Fire (2) Health (0) Reactivity.

### Product Labelling - Chip Risk/Safety Phrases:

Keep out of the reach of children (S2).

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26).

Take off immediately all contaminated clothing (S27).

Wear suitable gloves and eye/face protection (37/39).

Causes severe burns (R35).

Irritating to eyes and skin (R36/38).

### Potential Health Effects:

Inhalation: Not known to cause inhalation problems.

Eyes: May cause irritation or chemical burns if direct contact is made.

Skin: May cause irritation or chemical burns if direct contact is made.

Ingestion: May cause burns to mouth, throat and gastrointestinal system.

## Section 3: Composition / Information Of Ingredients

### CHEMICAL C.A.S. Number EINECS Weight % Risk Phrase.

Monoethanolamine 141-43-5 205-483-3 .05 – 5.0 Xn; R20/21/22 C; R34.

Cocoamphodiroionate 68604-71-7 271-704-5 1.0 – 3.0 none.

Sodium Metasilicate 6834-92-0 229-912-9 1.0 – 5.0 C; R34 - Xi; R37.

Ethylene Glycol Butyl Ether 111-76-2 203-905-0 5.0 – 10.0 Xn; R20/21/22 Xi; R36/38.

Tetrasodium Salt of EDTA 64-02-8 200-573-9 .0 – 2.0 Xn; R22 - Xi; R41.



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## Section 4: First Aid Measures

**Inhalation:** Not known to cause inhalation problems.

**Eye Contact:** Flush with water for at least 15 minutes. Get immediate medical aid.

**Skin Contact:** Wash affected area thoroughly with water. If blistering is apparent or irritation persists, call a physician.

**Ingestion:** DO NOT INDUCE VOMITING. Give milk, egg white, gelatine, or if none of these available, give water. Get immediate medical aid.

## Section 5: Fire Fighting Measures

**Flash Point & Method:** None to boiling.

**Flammable Limits:** LEL: NA UEL: NA.

**Autoignition Temperature:** NA.

**General Hazard:** Heated material may liberate irritating fumes.

**Fire Fighting Instructions:** Fire fighters should wear self-contained positive-pressure breathing apparatus.

**Extinguishing Media:** Water, foam, dry chemical, carbon dioxide.

## Section 6: Accidental Release Measures

**Land spill:** Re-containerise by mopping, wet vac or by using a suitable absorbent. All disposal methods must be in compliance with Federal, State and local laws and regulations. Waste characterisations are the responsibility of the waste generator.

## Section 7: Handling & Storage

**Handling:** Precautionary Information: Corrosive: Avoid contact. May burn skin and damage eyes. Harmful if swallowed. When handling, wear eye protection and rubber gloves. Wash thoroughly after handling. Launder contaminated clothing/equipment before reuse. KEEP OUT OF REACH OF CHILDREN.

**Storage Temperatures:** Ambient (40° - 90° F).

**Storage Pressure:** Atmospheric. Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10). Follow all MSD sheet and Label warnings even after container is emptied.

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## Section 8: Exposure Control / Personal Protection

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200).

Chemical Name Exposure Limits 8 Hours TWA (PPM).

OSHA PEL ACGIH TLV STEL.

Monoethanolamine 3 ppm 3 ppm 6 ppm.

Ethylene Glycol Butyl Ether 25 ppm (skin).

**Engineering Controls:** Local exhaust ventilation acceptable.

**Personal Protection:** Respirator: Not required.

**Hand Protection:** Gloves Recommended: Solvex, Neoprene, Butyl, Buna, Natural Latex.

**Eye Protection:** Safety glasses.

## Section 9: Physical & Chemical Properties

**Appearance**.....Red

**Evaporation Rate**.....(H<sub>2</sub>O=1)...1

**Physical State**..... Liquid

**Solubility In Water**.....Complete

**Vapour Density**.....To water %

**VOC By Weight**..... < 6%

**VOC Concentrated** ..... 100 g/L

**Boiling Point**..... 100°C / 212°F

**Odour**.....Slight solvent.

**pH**.....8 - 9.

**Specific Gravity**.....1.050

**Volatile**.....80-90.

**VOC Diluted For Use**.....20 g/L

## Section 10: Stability & Reactivity

**General:** Stable.

**Incompatible Materials:** Strong acids and oxidisers.

**Conditions to Avoid:** None Hazardous.

**Decomposition:** Carbon oxides.

**Hazardous Polymerisation:** Will not occur.

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### Section 11: Toxicology Information

**Results of Component Toxicity Test Performed:**

LD50 rat (oral) 2050 mg/kg (Monoethanolamine).  
LD50 rat (oral) 847 mg/kg (Sodium Metasilicate).  
LD50 rat (oral) 560 – 3000 mg/kg (Ethylene Glycol Butyl Ether).  
LC50 rat (inhalation) 4 hrs, 500 ppm (Ethylene Glycol Butyl Ether).  
LD50 rat (oral) 300 mg/kg (Tetrasodium Salt of EDTA).  
LC50 rabbit (dermal) 7500 mg/kg (Tetrasodium Salt of EDTA).

**Human Experience:**

OSHA / NTP / DHHS - This product does not contain chemicals on the 11th Report on Carcinogens (RoC).  
NIOSH: None of the chemicals are listed on the NIOSH carcinogen list.  
Reproductive Toxicity: Ethylene Glycol Butyl Ether has shown teratogenic effects in laboratory animals.

### Section 12: Ecological Information

**Environmental Toxicity:**

Ethylene Glycol Butyl Ether: The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

### Section 13: Disposable Considerations

**RCRA 40 CFR 261 Classifications:**

As packaged, if this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D. Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

### Section 14: Transportation Information

**U.S. DOT Information:**

Basic Description: NON HAZARDOUS MATERIAL.  
Proper Shipping Name: NA.  
IATA: Proper Shipping Name: NON HAZARDOUS MATERIAL.

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### Section 15: Regulatory Information

MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

CERCLA/Superfund, 40 CFR 117, 302: ---None of the chemicals are Section 302 hazards ---

SARA Superfund and Reauthorisation Act of 1986 Title III sections 302, 311,312 and 313:

Section 302 – Extremely hazardous substances (40 CFR 355): -None of the chemicals are Section 302 hazards ---

Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is non-hazardous. Section 313 – List of Toxic Chemicals (40CFR 372): This product contains the following chemicals ( at level of 1% or greater) which are found on the 313 list of Toxic Chemicals. Chemical C.A.S. NUMBER WEIGHT % Ethylene Glycol

Butyl Ether 111-76-2 5.0 – 10.0 Toxic Substance Control Act (TSCA): All substances are TSCA listed. Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Refer to Section 13 for RCRA classification. Federal Water Pollution

Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311) ---None of the chemicals are listed STATE REGULATIONS: The following chemicals are specifically listed by individual state; other product

specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state STATE CHEMICAL C.A.S. NUMBER

WEIGHT % PA, NJ MA Monoethanolamine 141-43-5 .05 – 5.0 PA, NJ MA Ethylene Glycol Butyl Ether 111-76-2 5.0 – 10.0 California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth

defects, or other reproductive harm. INTERNATIONAL REGULATIONS: Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. To the best

of our ability, this MSDS is written in accordance to REACH Directive EC1907/2006 Annex II and GHS requirements. This product is not subject to REACH restrictions. It does not contain any candidates on the SvHC.

#### STATE REGULATIONS:

The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

#### STATE CHEMICAL C.A.S. NUMBER WEIGHT %

PA, NJ MA Monoethanolamine 141-43-5 .05 – 5.0

PA, NJ MA Ethylene Glycol Butyl Ether 111-76-2 5.0 – 10.0

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.



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## INTERNATIONAL REGULATIONS:

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. To the best of our ability, this MSDS is written in accordance to REACH Directive EC1907/2006 Annex II and GHS requirements. This product is not subject to REACH restrictions. It does not contain any candidates on the SvHC.

## Section 16: Other Information

**LABEL INFORMATION:** For Shipping Label information refer to section 14.

Product label warnings in section 2 REVISION DATES, SECTIONS, REVISED BY:

02-MAR-07 Revised Sections 9, 11, mkb

16-Oct-09 New address, New format, mkb

09-Nov-11 Revised sec 9, mkb

14- May-12 Revised sections 3 and 15, mkb

## ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

## ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)

The Sigma-Aldrich Library of Regulatory and Safety Data Chemical Guide and OSHA Hazardous Communication Standard

The Environmental Protection Agency (www.epa.gov)

American National Standards Institute

University of Oxford website: <http://physchem.ox.ac.uk/MSDS/#CASnumbers>

