



MATERIAL SAFETY DATA SHEET

KEIM Biostripper

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KEIM Biostripper

CHEMICAL FAMILY: Solvent/Surfactant alloy, thixotrope

PRODUCT USE: Paint remover

MANUFACTURER:

KEIM Mineral Coatings of America, Inc.
10615 Texland Boulevard, #600
Charlotte, NC 28273
Phone: 1-704-588-4811
Emergency Phone: only in US and Canada
1 800 535 5053 (INFOTRAC)

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS: (Also see section 11)

EMERGENCY OVERVIEW:

WARNING:

COMBUSTIBLE.

IRRITANT TO SKIN, EYES AND RESPIRATORY PASSAGES.

SEVERE EYE IRRITANT.

HARMFUL IF INHALED. OVEREXPOSURE TO VAPORS OR AEROSOL MAY CAUSE HEADACHE, DIZZINESS, DROWSINESS, NAUSEA AND VOMITING.

Appearance: Yellowish paste with a fruity odor.

Routes of Entry: Skin and eye contact and inhalation.

Carcinogenicity: NTP-No, IARC-No, OSHA-No

This material is considered hazardous by the OSHA Hazard Communication Standard. (29CFR1910.1200)

HMIS: Health: 2 Flammability: 1 Reactivity: 0

NFPA: Health: 2 Flammability: 1 Reactivity: 0



MATERIAL SAFETY DATA SHEET

KEIM Biostripper

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.
2-(2-ethoxyethoxy) ethanol	111-90-0	10 – 25
Naphtha, petroleum, hydrotreated, heavy	64742-48-9	2.5 - 10
Docusate sodium	577-11-7	<2.5

4. FIRST AID MEASURES:

SKIN: Remove contaminated clothing and shoes Wash with soap or mild detergent and water. Do not use solvents or thinners. Get medical attention if irritation occurs.

EYES: Hold eyes open and flush for at least 15 minutes with large amounts of water. Get immediate medical attention.

INGESTION: Do not induce vomiting. Give two glasses of water to dilute stomach contents. Never give anything by mouth to an unconscious person. Get immediate medical attention.

INHALATION: Remove to fresh air. If breathing is difficult administer oxygen and get medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or water spray. Use water spray to cool containers in fire area. Do not use full water jet.

FIRE FIGHTING: In case of fire, the following can be released: carbon oxides (CO), Nitrogen oxides (NO_x). Use self-contained breathing apparatus and full protective clothing. Dispose of fire debris and contaminated firefighting water in accordance with regulations.

6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Remove all sources of ignition. Do not inhale fumes. Ensure adequate ventilation. Wear protective clothing. Do not allow product to reach soil, sewage system or any water sources. Avoid contact with



MATERIAL SAFETY DATA SHEET

KEIM Biostripper

skin and eyes. Absorb with non-combustible liquid binding material (sand, diatomaceous earth, acid binders, vermiculite) and place in container for disposal according to local regulations (see Section 13). Clean contaminated areas thoroughly.

7. HANDLING AND STORAGE:

HANDLING: Keep away from heat sparks or flame. Fumes can combine with air to form an explosive mixture. Do not smoke when using. Use only in well ventilated areas. Avoid contact with skin, eyes or clothing. Do not breathe vapors. Remove contaminated clothing and wash before re-use.

STORAGE: Store closed containers in cool, dry area away from heat, direct sunlight. Keep in a well-ventilated area. Store away from oxidizing agents. Do not store together with acids or alkalis (caustic solutions). Store at temperatures between 41 and 95 °F (5 - 35 °C).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

EXPOSURE LIMITS:

Component	CAS#	Exposure Limits
2-(2-ethoxyethoxy) ethanol	111-90-0	25 ppm AIWA WEEL

ENGINEERING CONTROLS: Use in a well ventilated area.

RESPIRATORY PROTECTION: Use NIOSH approved respirator for exposure to vapor or mist.

SKIN PROTECTION: Use butyl rubber or other impervious gloves; recommended thickness: ≥ 0.5 mm
Use clothing and shoes suitable to prevent skin contact.
Check suitability recommendations by protective equipment manufacturers.

EYE PROTECTION: Safety goggles with side shields.

General Hygiene: Wash thoroughly after handling. Immediately remove soiled and contaminated clothing. Wash before re-use. Do not eat or drink in area.



MATERIAL SAFETY DATA SHEET

KEIM Biostripper

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM:	Paste
COLOR:	Yellowish
ODOR:	Fruity
BOILING POINT:	Not determined
LOWER EXPLOSION LIMIT:	0.9 vol %
UPPER EXPLOSION LIMIT:	23.5 vol %
FLASH POINT:	>138 °F (59 °C)
pH: (10g/l).....	8-9*
SOLUBILITY IN WATER:	emulsifiable
SOLVENT SEPARATION TEST:..	<3 % (ADR/RID)
VAPOR PRESSURE:	1 mbar
DENSITY: (20 °C)	1.05* g/cm ³
IGNITION TEMPERATURE:	392 °F (200 °C)
VISCOSITY:.....	4000 – 6000* mPas
SOLVENT CONTENT:.....	264.3 g/l (ISO 11890-2)

* Values are for freshly prepared product and may change over time.

10. STABILITY AND REACTIVITY:

CHEMICAL STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: None known under normal conditions of use. In case of fire, the following can be released: Carbon oxides (CO_x) and Nitrogen oxides (NO_x)

INCOMPATIBILITIES/CONDITIONS TO AVOID: Keep away from strong acids, alkalis and oxidizing agents.

11. TOXICOLOGICAL INFORMATION:

Harmful if inhaled. Overexposure to vapors may cause headache, dizziness, drowsiness, nausea and vomiting.

Skin: Has a de-greasing effect on the skin. Frequent persistent contact with the skin may cause skin irritation.

May cause eye damage.

Prolonged or repeated exposure may cause dermatitis.

May be harmful by absorption through skin.

Ingestion: Irritant effect possible

Sensitization: No sensitizing effects known.



MATERIAL SAFETY DATA SHEET

KEIM Biostripper

12. ECOLOGICAL INFORMATION

Avoid contamination of ground water or waterways.

AOX-indication: Based on our current information, this product does not contain any organic bounded halogen.

There are no eco-toxicological assessments.

Avoid contamination of ground water or waterways. Do not discharge into surface waters or drains.

13. DISPOSAL CONSIDERATIONS:

Dispose of or incinerate in accordance with Federal, State or Local regulations.

14. TRANSPORT INFORMATION:

DOT SHIPPING NAME: Not regulated

IMDG: not regulated

IATA: not regulated

15. REGULATORY INFORMATION:

TSCA status: All components of this product are on the TSCA Inventory.

DSL status: All components of this product are on the DSL Inventory.

SARA (section 311/312):

Reactive hazard: no
Pressure hazard: no
Fire hazard: yes
Immediate/acute: yes
Delayed/chronic: yes

SARA Title III:

To the best of our knowledge, this product contains no toxic chemicals which are subject to the supplier notification requirements of Section 313 of the Superfund



MATERIAL SAFETY DATA SHEET

KEIM Biostripper

Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

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

Canadian WHMIS: Class D2B

Note: Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

16. OTHER INFORMATION:

HAZCOM LABEL:

WARNING:

IRRITANT TO SKIN, EYES AND RESPIRATORY PASSAGES.

SEVERE EYE IRRITANT.

HARMFUL IF INHALED. OVEREXPOSURE TO VAPORS OR AEROSOL MAY CAUSE HEADACHE, DIZZINESS, DROWSINESS, NAUSEA AND VOMITING.

rtk biostripper(V2.1)

This MSDS conforms to the American National Standard, ANSI Z400.1-2004 To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

Version 2.2:

June 23, 2013

KEIM BIOSTRIPPER(v2.2).DOC