

HIGH PERFORMANCE ECO-FRIENDLY PRODUCTS

SUPER SOY EQUIPMENT CLEANER

FORMULA

828

BIODEGRADABLE
NONFLAMMABLE
BIOBASED SOLVENT
HIGHLY CONCENTRATED

PRODUCT DESCRIPTION:

Sentinel 828 Super Soy Equipment Cleaner is a bio-based, highly-concentrated, cleaner that works great on heavy concentrations of dirt, dust, grease, & grime found on heavy machinery and equipment. Used with great success in the rail-road and industrial mining industries, 828's foaming characteristics give it the ability to cling and penetrate, reducing the amount of product used. Soy-based Solvent technology makes 828 a super degreaser and cleaner.



DIRECTIONS: *(Always follow product label instructions for best results.)*

Heavy Equipment

For heavy soils, use 828 at full strength or dilute at 1 part 828 to 1 part water. For general cleaning of dirt, taconite and coal dust, motor oils, gas and diesel films, mix 1 part 828 to 20 parts water.

Vehicles

Mix 1 part 828 to 100 parts water for high-sudsing, streak-free cleaning of vehicle exteriors.

Locomotives

Use 828 at full strength or mix 1 part 828 to 10 parts water for superior cleaning.

For additional information or assistance with this product, please call Sentinel Customer Service at, **800-373-0633**.

SPECIFICATIONS:

APPEARANCE	SLIGHT YELLOW	
APPROXIMATE BOILING POINT	215-290°F	See reverse side for
ODOR	SLIGHT	Material Safety Data Sheet (MSDS)
SPECIFIC GRAVITY	~1.03	
FLASHPOINT	NONE TO BOILING	
pH	12.15(+/- .2)	

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SENTINEL 828 Super Soy Equipment Cleaner
EMERGENCY MEDICAL AND SPILL NUMBER: 1-866-359-5661
SYNONYMS: DETERGENT

SECTION 2 COMPONENT & EXPOSURE DATA

COMPONENT	CAS#	PEL	TLV
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SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If this product comes in contact with eyes, gently flush with large quantities of water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION: If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (SWALLOWING): If this product is swallowed, induce vomiting. Seek immediate medical advice and/or attention.

SECTION 4 HEALTH HAZARDS & ROUTES OF ENTRY

EYE CONTACT: This product may cause irritation.

SKIN CONTACT: This product may cause skin irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION: This product may cause irritation to the upper respiratory tract.

INGESTION (SWALLOWING): If this product is swallowed, Do NOT induce vomiting. Seek immediate medical advice and/or attention.

COMMENTS: THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION 5 SPECIAL PROTECTION INFORMATION

VENTILATION: Local exhaust.

RESPIRATORY INFORMATION: None.

PROTECTIVE GLOVES: The use of gloves impermeable to this material is advised to prevent skin contact and possible irritation. Wear resistant gloves, such as rubber, nitrile, or neoprene.

EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

OTHER PROTECTIVE EQUIPMENT: It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION 6 REACTIVITY DATA

STABILITY: Stable **HAZARDOUS POLYMERIZATION:** Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 7 SPILL OR LEAK PROCEDURES

PRECAUTION IN CASE OF LEAK OR SPILL: Mop up as much as possible, then flush residue with a large volume of water.

WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state and federal regulations.

SECTION 8 STORAGE, SHIPPING, & REGULATORY INFORMATION

HANDLING & STORAGE: Keep containers tightly closed. Keep containers cool and dry.

DOT PROPER SHIPPING NAME: Cleaning Compound, NOI

DOT HAZARD CLASS: Not a regulated material.

HAZARD RATINGS	HMIS	NFPA
HEALTH	1	1
FLAMMABILITY	0	0
REACTIVITY	0	0

SECTION 9 FIRE AND EXPLOSION HAZARD

FLASH POINT (TEST METHOD): None to boiling.

AUTO IGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA: Use foam CO₂ or dry chemical fire fighting apparatus.

FIRE AND EXPLOSION HAZARD: Not determined.

FIRE FIGHTING PROCEDURES: The use of a self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARD: N/A

SECTION 10 PHYSICAL DATA

BOILING POINT (°F): 215-290° F.

SPECIFIC GRAVITY (H₂O=1): ~1.03

VAPOR PRESSURE: Not known.

MELTING POINT: N/A

SOLUBILITY IN WATER: Complete.

VAPOR DENSITY: Not known.

APPEARANCE & ODOR: Yellowish-Slight characteristic.

EVAPORATION RATE: Slower than ether.

SECTION 11 DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his/her own determination as to the suitability of the product for his/her particular purpose and on the condition the he/she assume the risk of his use thereof.