

MATERIAL SAFETY DATA SHEET

Date of Issue: June 15, 2009

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: UNIVERSAL STONE

Manufacturer:

ZIELINSKY INDUSTRIES

50 Barkensweg

D-26670 Uplengen

Germany

Phone: +49 (0) 4958 / 9188-0

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SECTION 2 - PRODUCT DESCRIPTION

PRODUCT NAME: Universal Stone
GENERAL DESCRIPTION: Surface Cleaner
CHEMICAL NATURE: Surfactant Blend

SECTION 3 - PRODUCT COMPOSITION & HAZARDS IDENTIFICATION

This product contains no hazardous ingredients and is free of PCBs, PCTs and chlorinated organic compounds.

NFPA HAZARD IDENTIFICATION SYSTEM

HAZARD RATINGS:

0 = Least	HEALTH	= 0
1 = Slight	FIRE	= 0
2 = Moderate	REACTIVITY	= 0
3 = High	EQUIPMENT	= 0
4 = Severe		

SECTION 4 - FIRST AID MEASURES

GENERAL ADVICE: Product contains no hazardous ingredients. Consult a physician. Show this data sheet to the doctor in attendance.

IN CASE OF EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, have eyes examined and treated by medical personnel.

IN CASE OF SKIN CONTACT: Irritation uncommon. If irritation occurs, remove contaminated clothing and footwear. Wash material off the skin with plenty of water.

IF INHALED: No treatment needed.

IF SWALLOWED: Drink plenty of water to dilute. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

SECTION 5 - FIRE AND EXPLOSION DATA

LOWER FLAMMABILITY LIMITS (% IN AIR):	Not pertinent
FLASH POINT (AND METHOD):	Not Pertinent
IGNITION TEMPERATURE:	Not pertinent
FLAMMABILITY CLASSIFICATION:	Not flammable
UNUSUAL FIRE/EXPLOSION HAZARDS:	In case of fire, product may form soot.
RECOMMENDED EXTINGUISHING MEDIA:	Water spray; Foam with water.
SPECIAL FIRE FIGHTING PROCEDURES:	None known

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: No special measures necessary

ENVIRONMENTAL PRECAUTIONS: Well Biodegradable. No special measures necessary.

WASTE DISPOSAL PROCEDURES: Dispose of this product or its residues in accordance with all local, state and federal requirements.

SECTION 7 - HANDLING AND STORAGE

HANDLING: No Special measures necessary.

STORAGE: No special measures necessary.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

No components with workplace control parameters.
No special measures necessary.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

FORM: Solid at room temperature
COLOR: White
ODOR: Soapy

PHYSICAL DATA:

MELTING POINT:	Not determined
BOILING POINT:	100 C
FLASH POINT:	200 C
POINT OF IGNITION:	Not determined
DENSITY:	-----
VAPOR PRESSURE @ 20°C: (mm of HG):	Not pertinent
VAPOR DENSITY: (Air = 1)	Not pertinent
SOLUBILITY IN WATER:	Miscible
EVAPORATION RATE:	Not determined
pH:	8.3

SECTION 10 - REACTIVITY DATA

STABILITY: Stable under normal conditions
CONDITIONS TO AVOID: None known
INCOMPATIBILITY WITH OTHER MATERIALS: None known
HAZARDOUS DECOMPOSITION MATERIALS: None known
HAZARDOUS REACTIONS: None known
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

The product is non-toxic according to the general classification guidelines of the EEC.

ACUTE TOXICITY: Non-toxic
EFFECTS OF OVER EXPOSURE: Ingestion: No effect if ingested in small amounts
IRRITATION AND CORROSION: No data available
CHRONIC EXPOSURE: No data available
OTHER EFFECTS OF OVER EXPOSURE: None known

SECTION 12 - ECOLOGICAL INFORMATION

ORGANIC CARBON CONTENT: 104 mg Carbon/gram of product

BIOELIMINATION & BIODEGRADATION

METHOD: OECD 302B with determination of mineralization, EMPA Standard Operating Procedure (SOP 720); 4L batch.

EMPA ASSESSMENT: Bioelimination after 14 days of 97% and mineralization after 28 days of 84% is therefore easily biodegradable. At 496 mg/L, the product has not inhibited the action of nitrifying bacteria.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of this product or its residues in accordance with all local, state and federal requirements.
No additional precautions.

SECTION 14 - TRANSPORT INFORMATION

The product is safe to transport per EEC regulations.

SECTION 15 - REGULATORY INFORMATION

The product contains no harmful ingredients as per EEC regulations. Special labeling is not required.

SECTION 16 – OTHER INFORMATION

The information gathered about the product through experiments is for safety requirements only.
The information is not a guarantee of the product performance nor a warrantee.