Ultralit®
HARD • HARDER • MORE HARDER

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY

Product Name ULTRALIT HARD EXTRA

**Manufacturer / Supplier:** DRAGAN ANNA ROGUSKA
**Address:** Partyzantow 9
**City, Country, Zip:** Wegrow, Poland, 07-100

**Emergency Phone :**
**Business Phone:**+48 22 614-52-04
**Business Fax:** +48 22 814-74-81

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | OSHA PEL | ACGIH TLV |
|---|---|---|---|
| Water | 7732-18-5 | Not Established | Not Established |
| Lithium silicate | 12627-14-4 | Not Established | Not Established |

## 3. HAZARDS IDENTIFICATION

**Emergency Overview:** Clear to opalescent, colorless, odorless, liquid. Causes moderate eye irritation, moderate skin irritation, and digestive tract irritation. Spray mist causes irritation to respiratory tract. Due to high pH of product, release into surface water is harmful to aquatic life. Noncombustible. Reacts with acids, ammonium salts, reactive metals and some organics.
**Eye contact:** Causes moderate irritation to the eyes.
**Skin contact:** Causes moderate irritation to the skin.
**Inhalation:** Spray mist irritating to respiratory tract.
**Ingestion:** May cause irritation to mouth, esophagus, and stomach.
**Chronic hazards:** Not listed by NTP, IARC or OSHA as a carcinogen.
**Physical hazards:** Spilled material is slippery.

## 4. FIRST AID MEASURES

**Eye**: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
**Skin**: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention.
**Inhalation**: Remove to fresh air. Get medical attention if irritation persists.
**Ingestion**: If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Flammable limits:** This material is noncombustible.
**Extinguishing Media:** This material is compatible with all extinguishing media.
**Hazards to fire-fighters:** See Section 3 for information on hazards when this material is present in the area of a fire.
**Fire-fighting equipment:** The following protective equipment for fire fighters is recommended when this material
is present in the area of a fire: chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal protection:** Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. See section 8.
**Environmental Hazards:** Sinks and mixes with water. High pH of this material is harmful to aquatic life, see Section
12. Only water will evaporate from a spill of this material.
**Small spill cleanup:** Wash small spills to sanitary sewer.
**Large spill cleanup:** Confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.
**Storage**: Keep containers closed. Store in clean plastic containers. Separate from acids, reactive metals, and ammonium salts. Recommended storage temperature 5°-35°C. Do not store in aluminum, steel, fiberglass, copper, brass, zinc or galvanized containers.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering controls:** Use with adequate ventilation. Keep containers closed.
**Respiratory protection:** Use a NIOSH-approved dust and mist respirator where spray mist occurs. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.
**Skin protection:** Wear body-covering protective clothing and gloves.
**Eye protection:** Wear chemical goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**: Liquid.
**Color**: Clear. **Odor**: Odorless. **pH**: Approximately 11.7
**Density**: 1.20 g/cm$^3$ (20°C).

## 10. STABILITY AND REACTIVITY

**Stability:** This material is stable under all conditions of use and storage. Conditions to avoid: extreme temperatures, keep from freezing.
**Materials to avoid:** Gels and generates heat when mixed with acid. Absorbs carbon dioxide on exposure to air. May react with ammonium salts resulting in evolution of ammonia gas.
**Hazardous decomposition products:** Decomposition will not occur if handled and stored properly.

## 11. TOXICOLOGICAL INFORMATION

**Acute Data:** When tested for primary irritation potential, a similar material caused moderate irritation to the eyes and moderate irritation to the skin.
**Subchronic Data:** Repeated ingestion or ingestion of large doses of soluble lithium compounds is reported to cause
temporary mental function impairment.
**Special Studies:** Repeated ingestion or ingestion of large doses of soluble lithium compounds during pregnancy is reported to cause fetal abnormalities.

## 12. ECOLOGICAL INFORMATION

**Eco toxicity:** This product is not classified as dangerous to the environment.

## 13. DISPOSAL CONSIDERATIONS

**Classification:** Disposed material is not a hazardous waste.
**Disposal Method**: Dispose in accordance with federal, state and local regulations and permits.

## 14. TRANSPORTATION INFORMATION

**DOT UN Status:** This material is not regulated hazardous material for transportation.

## 15. REGULATORY INFORMATION

**CERCLA:** No CERCLA Reportable Quantity has been established for this material.
**SARA TITLE III:** Not an Extremely Hazardous Substance under §302. Not a Toxic Chemical under §313.
**TSCA:** All ingredients of this material are listed on the TSCA inventory.

## 16. OTHER INFORMATION

**IMPORTANT!** Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure.