

# SAFETY DATA SHEET

## SECTION 1) IDENTIFICATION

**Product Name:** Redux 730, Medium Buffing Compound  
**Synonym:** N.A.  
**Product Code:** Redux 730  
**Revision Date:** May 26, 2022 **Date Printed:** May 27, 2022  
**Version:** 1.0 **Supersedes Date:** N.A.  
**Manufacturer's Name:** Hawk Research Laboratories, LLC  
**Address:** 7150 Capitol Drive Wheeling, IL, US, 60090  
**Emergency Phone:** 800.255.3924 (ChemTel US and Canada); 011.1.813.248.0585 (International)  
**Information Phone Number:** +1 (630) 227-0050  
**Fax:**  
**Product/Recommended Uses:** Professional use only.

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Skin Irritation - Category 3

These classifications were evaluated according to United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

### Pictograms



### Signal Word

Warning

### Hazardous Statements - Health

H316 - Causes mild skin irritation

### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### Precautionary Statements - Prevention

No precautionary statement available.

### Precautionary Statements - Response

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

### Precautionary Statements - Storage

No precautionary statement available.

### Precautionary Statements - Disposal

No precautionary statement available.

## Physical Hazards Not Otherwise Classified (PHNOC)

None.

## Health Hazards Not Otherwise Classified (HHNOC)

None.

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0007732-18-5	WATER	40% - 50%
0001344-28-1	ALUMINUM OXIDE	40% - 50%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

## SECTION 4) FIRST-AID MEASURES

### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

### Eye Contact

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

### Skin Contact

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention. Wash contaminated clothing before reuse.

### Ingestion

Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention.

### Most important symptoms and effects, both acute and delayed

No data available.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment is required. No action shall be taken involving any personal risk or without suitable training. Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

## SECTION 5) FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

### Unsuitable Extinguishing Media

Do not use straight stream of water.

### Specific Hazards in Case of Fire

Fires involving this product may release oxides of carbon and nitrogen, reactive hydrocarbons, and irritating vapors. Fire will produce irritating gases.

### Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6) ACCIDENTAL RELEASE MEASURES

### Emergency Procedure

Isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Ventilate closed spaces before entering. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### Recommended Equipment

Wear chemical protective clothing.

### Personal Precautions

Avoid breathing vapor or mist. Avoid contact with skin, eye or clothing.

### Environmental Precautions

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. The material, if discarded or spill, may be a regulated waste. Refer to state and local regulations. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. See Section 14. Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

### Methods and Materials for Containment and Cleaning up

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal. Ventilate area after clean-up is complete.

## SECTION 7) HANDLING AND STORAGE

### General

Wash hands after use. Avoid contact with skin, eye or clothing. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored All containers must be properly labelled.

### Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

### Storage Room Requirements

Store in a cool, dry, well ventilated area, away from sources of ignition and incompatibilities. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids.

### Skin Protection

Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Full contact Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 480 min

Material tested: Butoject® (KCL 897 / Aldrich Z677647, Size M)

Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 30 min

Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M) The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US). If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

## Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	OSHA TWA (mg/m3)
ALUMINUM OXIDE	1 (R)				A4	Pneumoconiosis; LRT irr; neurotoxicity	A4	[15]; [5 (a)];

Chemical Name	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
ALUMINUM OXIDE						1		

Chemical Name	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen	CAN_ONtmg	CAN_ONtppm	CAN_ONsmg	CAN_ONsppm
ALUMINUM OXIDE							

(R) - Respirable fraction, A4 - Not Classifiable as a Human Carcinogen, irr - Irritation, LRT - Lower respiratory tract

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

Density	12.50 lb/gal
Specific Gravity	1.50
% VOC	0.00%
Density VOC	0.00 lb/gal
% HAPS	N/A
Density HAPS	N/A lb/gal
% VHAPS	N/A
Density VHAPS	N/A lb/gal
% Solids By Weight	>50

Appearance	White paste
Odor Threshold	N/A
Odor Description	Mildly chemical
pH	9.5 - 10.5
Water Solubility	Soluble in water
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	~32 °F
Melting Point	N/A
Boiling Point	~212 °F
High Boiling Point	N/A

Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

## SECTION 10) STABILITY AND REACTIVITY

### Stability

Stable under normal storage and handling conditions.

### Conditions To Avoid

Avoid heat, sparks, flame and contact with incompatible materials

### Hazardous Reactions/Polymerization

Will not occur.

### Incompatible Materials

Strong bases, acids, and oxidizing agents.

### Hazardous Decomposition Products

Oxides of carbon.

## SECTION 11) TOXICOLOGICAL INFORMATION

### Acute Toxicity

Based on available data, the classification criteria are not met.

The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l

### Aspiration Hazard

Based on available data, the classification criteria are not met.

### Carcinogenicity

Based on available data, the classification criteria are not met.

### Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

### Reproductive Toxicity

Based on available data, the classification criteria are not met.

### Respiratory/Skin Sensitization

Based on available data, the classification criteria are not met.

### Serious Eye Damage/Irritation

Based on available data, the classification criteria are not met.

### Skin Corrosion/Irritation

Causes mild skin irritation

### Specific Target Organ Toxicity - Repeated Exposure

Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity - Single Exposure

Based on available data, the classification criteria are not met.

### Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

## SECTION 12) ECOLOGICAL INFORMATION

### Toxicity

Based on available data, the classification criteria are not met.

### Persistence and Degradability

No data available.

### Bioaccumulative Potential

No data available.

### Mobility in Soil

No data available.

### Other Adverse Effects

No data available.

## SECTION 13) DISPOSAL CONSIDERATIONS

### Waste Disposal

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Chemical additions, processing, and otherwise altering this material, may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate. It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

## SECTION 14) TRANSPORT INFORMATION

	U.S. DOT Information	IMDG Information	IATA Information	Canada TDG Information
<b>UN number:</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>Proper shipping name:</b>	N/A	N/A	N/A	N/A
<b>Hazard class:</b>				Not Applicable
<b>Hazard class:</b>	Not Applicable	Not Applicable	Not Applicable	
<b>Packaging group:</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
<b>Hazardous substance (RQ):</b>	No Data Available			
<b>Marine Pollutant:</b>	No Data Available	No Data Available		No Data Available
<b>Note / Special Provision:</b>	No Data Available	No Data Available	No Data Available	No Data Available
<b>Toxic-Inhalation Hazard:</b>	No Data Available			

## SECTION 15) REGULATORY INFORMATION

### Safety, health and environmental regulations

The product has been evaluated against the following relevant regulations: U.S.A Toxic Substance Control Act (TSCA) California Proposition 65 Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103

CAS	Chemical Name	Regulation List
0007732-18-5	WATER	DSL, TSCA
0001344-28-1	ALUMINUM OXIDE	SARA313, Canada_NPRI,DSL,SARA312,TSCA

Product does not contain any chemicals listed under California Proposition 65

## SECTION 16) OTHER INFORMATION

### Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

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