

INTEGRATED BIOSOLUTIONS LLC 4342 E HIGHLANDS DR. PARADISE VALLEY, AZ 85253

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: CS 1810

Product Use: Degreaser

INTEGRATED BIOSOLUTIONS LLC

4342 E HIGHLANDS DR.

PARADISE VALLEY, AZ 85253

(480)250-8985

24 Hr. Emergency Tel.#: 800-255-3924

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Eye Irritation - Category 2

Skin Irritation - Category 2

Acute Toxicity - Oral Category 5



Signal Word: WARNING

Hazard Statements:

Causes serious eye irritation

Causes skin irritation

May be harmful if swallowed

Precautionary Statements:

Prevention

Wash hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection.

Do not eat, drink or smoke when using this product.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN: Wash with soap and water.

IF SKIN IRRITATION OCCURS: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

IF EYE IRRITATION PERSISTS: Get medical advice/attention.

Take off contaminated clothing and wash before reuse

For specific treatment see Section 4 First Aid.

Hazards not Otherwise Classified:

No other hazards classified.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
ETHYLENEDIAMINETETRAACETIC ACID	EDTA	1310-73-2	5-10%

SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.

Skin Contact: Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.

Eye Contact: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. If you feel unwell, or if concerned: Get medical advice/attention.

INTEGRATED BIOSOLUTIONS LLC 4342 E HIGHLANDS DR. PARADISE VALLEY, AZ 85253

SAFETY DATA SHEET

Most Important Symptoms and Effects, both Acute and Delayed: Contact with eye can cause irritation. Contact with skin can cause irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, powder, foam, carbon dioxide.

Special hazards arising from the substance or mixture: No special hazards known

Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012): Nonflammable

Hazardous Combustion Products: Non combustible

Special protective equipment and precautions for firefighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Methods and materials for containment and cleaning up: Contain and recover liquid when possible. Do not let product enter drains. Residues from spills can be diluted with water, neutralized with dilute acid and collected with dry earth, sand or other non-combustible material and disposed of in appropriate container.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

Conditions for Safe Storage: Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.

Incompatible Materials: Avoid strong oxidizing agents, soft metals, acids, and heat.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: Forced air, local exhaust, or open air is adequate.

Respiratory Protection: Not a respiratory irritant unless dealing with a mist form, then wear appropriate NIOSH respirator.

Skin Protection: Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

Eye/Face Protection: Wear safety glasses, goggles and/or face shield to prevent eye contact.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White, opaque liquid

Odor: Odorless

pH: No information available.

Melting/Freezing point: No information available

Initial boiling point and boiling range: No information available

Flammability (solid, gas): Non flammable

Specific gravity: 1.06 g/mL

Solubility in water: Complete

Decomposition temperature: No information available

Viscosity: 10 cSt at 20°C / 68°F

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Reactive with oxidizing agents, reducing agents, metals, acids and alkalis.

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: Reactive with oxidizing agents, reducing agents, metals, acids and alkalis.

Conditions to Avoid: Incompatible materials

Incompatible Materials: Oxidizing agents and strong bases

Hazardous Decomposition Products: Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

INTEGRATED BIOSOLUTIONS LLC 4342 E HIGHLANDS DR. PARADISE VALLEY, AZ 85253

SAFETY DATA SHEET

Routes of entry - inhalation: YES

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: May cause irritation to respiratory system in mist/vapor form.

Ingestion: May cause irritation to digestive system

Skin: May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

Eye: May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Potential Chronic Health Effects:

Mutagenicity: Both the in vitro and the in vivo genetic toxicity test indicated no evidence for a mutagenic activity.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Sensitization to material: Not considered to be a skin sensitizer.

Specific target organ effects: No information available

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = 4086mg/kg (rat)

ATE dermal = >5000mg/kg

ATE inhalation = No information available

SECTION 12 - ECOLOGICAL INFORMATION

Persistence and degradability: Expected to readily biodegrade.

Bioaccumulation potential: No further relevant information available.

Mobility in soil: During movement through soil some ion exchange will occur. Also, some of the Hydroxide may remain in the aqueous phase and will move downward through soil in the direction of groundwater flow.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: Not a listed RCRA hazardous waste.

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information: Non-hazardous material.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: Sodium hydroxide is listed on the inventory.

US CERCLA reportable quantity (RQ): Non-regulated material.

SARA Title III: Acute Health Hazard

US State Right to Know Laws: (not a comprehensive list)

SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

SAFETY DATA SHEET

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

Preparation Date: 7/18/18