SAFETY DATA SHEET

Section 1 – Identification

Product Identifier: DiamonDyze DRS
Other means of identification: Not Available
Product Type: Liquid

Part Number: DRS

Recommended Use: Anodizing Dye

Restrictions on Use:

Industrial Use Only
Keep out of reach of children.

Manufacturer / Supplier:
Tech Line Coatings, Inc
26844 ADAMS AVE.
MURRIETA, CA 92562
USA
Phone/Fax 1-865-773-0597
www.techlinecoatings.com

Emergency Phone: N. America +1-800-535-5053
Intl. +1-352-323-3500

Section 2 – Hazards Identification

Classification of the substance or mixture: Non Hazardous

Hazard Statements: Non hazardous

This mixture has been tested using the Corrositex test method in compliance with EPA method 1120, and the OECD Guideline For The Testing Of Chemicals number 435, and found to be **not** corrosive.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke while using this product. Wash hands thoroughly after handling.

Response: If exposed or concerned: get medical attention. If Swallowed: Immediately call a poison center or a physician. Rinse mouth.

Storage: No special precautions required.

Disposal: Dispose of contents/containers in accordance with local regulation

Hazards not otherwise classified: None known

Section 3 – Composition / Information On Ingredients

Product Code: DRS

Component	CAS#	% of Weight
Yellow Colorant (non-hazardous per 29CFR 1910.1200)	Trade Secret	Trade Secret

No ingredients in the concentrations present are hazardous or considered hazardous

Section 4 – First Aid Measures

General advise:

- Consult a physician. Show this Safety Data Sheet to the doctor in attendance.

After EYE Contact:

- Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

After SKIN Contact:

- Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Section 4 – First Aid Measures

After INHALATION:

- First aid is not generally required. If irritation develops from breathing dust, move the person

from the overexposure and seek medical attention if needed

After SWALLOWING:

- Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Inhalation: No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Eye contact: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No specific data
Inhalation: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

Specific treatments: No specific treatment

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present from contact with other materials, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See section 11 for additional information

Section 5 – Fire Fighting Measures

Not considered to be a fire hazard. Contact with most metals causes formation of flammable and explosive Hydrogen gas.

Extinguishing Media:

- Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Media:

- None Known

Special Fire Fighting Procedures:

- Use full protective equipment, including self contained breathing apparatus

Unusual Fire And Explosion Hazards:

- During emergency conditions, overexposure to decomposition products may cause a health hazard.

Specific Hazards Arising from the Chemical:

- In a fire or if heated, a pressure increase will occur and the container may burst

Decomposition products may include the following materials:

- metal oxide/oxides

Special protective actions for fire-fighters :

- Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up:

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor

Large spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor

Additional Information:

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

Section 7 – Handling And Storage

Precautions for safe handling

Protective measures: Avoid contact with skin and eyes. Use with adequate ventilation to maintain exposure levels below established exposure limits. Wear personal protective equipment if in contact with other materials. If required wear an appropriate NIOSH approved respirator. Do not get in eyes, on skin, or on clothing.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

Conditions for safe storage: Store at 55-90°F (13-32°C).

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appropriate engineering controls: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels

Individual protection measures:

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye/face protection: Safety eyewear complying with an approved standard should be used to avoid exposure

to liquid splashes, mists, or gases If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection:

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted respirator appropriate for use with surrounding chemicals if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the products and the safe working limits of the selected respirator.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form :	liquid
Color :	Light yellow
Odor :	Slightly musty smell to no odor
Odor Threshold:	Not Established
pH :	2.4 to 3.4
Melting point / Freezing point:	Not Established
Initial boiling point :	Not Established
Flash point :	> 212° F (Water based)
Evaporation Rate:	Not Established
Upper/lower flammability or explosive limits:	Not Established
Vapor pressure	Not Established
Vapor density	Not Established
Relative density	Not Established
Solubility(ies)	Water: Yes
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	Not Established
Decomposition temperature	Not Established
Viscosity	Not Established
Total VOC	0 lbs/gal

SECTION 10 STABILITY AND REACTIVITY

Reactivity	No data available on mixture

Chemical stability	Stable
Possibility of hazardous reactions	No data available on mixture
Conditions to avoid (e.g., static discharge, shock, or vibration)	No data available on mixture
Incompatible materials	No data available on mixture
Hazardous decomposition products	Under normal conditions of storage and use, hazardous products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogenicity: Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP

Mutagenicity: Not available.

Teratogenicity: Not available

Reproductive toxicity: Not available.

Specific target organ toxicity (single exposure): Not available
Specific target organ toxicity (repeated exposure): Not available
Aspiration hazard: Not available

Information on the likely routes of exposure: Routes of entry anticipated: Oral, Dermal, Inhalation.

Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Eye contact : No known significant effects or critical hazards.

Symptoms related to the physical , chemical and toxicological characteristics

Eye contact: No specific data
Inhalation: No specific data
Skin contact: No specific data
Ingestion: No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure:

Potential immediate effects: Not available.
Potential delayed effects : Not available.

Long term exposure:
Potential immediate effects: Not available.
Potential delayed effects : Not available.

Potential chronic health effects:
Not available
General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.

Skin Corrosion/Irritation
This mixture has been tested using the Corrositex test method in compliance with EPA method 1120, and the OECD Guideline For The Testing Of Chemicals number 435, and found to be **not** corrosive.

Carcinogenicity
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12 ECOLOGICAL INFORMATION

General Comments:

Environmental Toxicity:
no data available
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 Method:
Disposal should be made in accordance with federal, state and local regulations. .Treatment, storage, transportation and disposal must be in accordance with EPA and State regulation under the authority of the Resource Conservation and Recovery Act (RCRA) 40 CFR parts 260-271. A competent and properly permitted contractor should do appropriate disposal.

SECTION 14 TRANSPORTATION INFORMATION

Hazardous for Shipping: **Not regulated or restricted for shipping**
Based on 49 CFR and IATA classification process, this product mixture is not restricted or regulated.

SECTION 15 REGULATIONS

Other Regulations, Limitations, and Prohibitive Regulations:
International Inventories

All of the components in this product are on or exempt from the following inventories:
USA (TSCA), CANADA (DSL / NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), China (IECSC), Japan (ENCS), Philippines (PICCS).
TSCA: US - Toxic Substance Control Act
DSL: Canada - Domestic Substance List
NDSL: Canada - Non-Domestic Substance List
IECSC: China - Inventory of Existing Chemical Substances China

SECTION 15 REGULATIONS

EINECS: EU Inventory of Existing Commercial Chemical Substances
ELINCS: EU List of Notified Chemical Substances
ECL: Korea - Existing Chemicals List
AICS: Australia - Inventory of Chemical Substances
ENCS: Japan - Existing and New Chemical Substances
PICCS: Phillipines - Inventory of Chemicals and Chemical Substances

SARA 311 / 312 Hazards: No .

SECTION 16 OTHER INFORMATION

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