

1. PRODUCT IDENTIFICATION

PRODUCT NAME	DTI Rejuvenating Cleaner
IDENTIFICATION NUMBER	
PRODUCT USE/CLASS	Stone and concrete cleaner in combination with nonhazardous trade secret.
CAS NUMBER	7631-86-9
SUPPLIER	Adeo Distributors 6525 E 82nd St. Suite 107 Indianapolis, IN 46250
Email:	info@adeodistributors.com
Emergency Telephone:	1-800-535-5053 (INFOTRAC)

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Product Description:	This product is a clear liquid with characteristic odor.
Health Hazards:	Exposure to this product may cause irritation to eyes. Prolonged contact may cause skin irritation. Exposure to mists may cause respiratory tract irritation. May be harmful if swallowed.
Flammability Hazards:	This product is a non-flammable with flash point greater than 200 °F.
Reactivity Hazards:	None known
Environmental Hazards:	The Environmental effects of this product have not been investigated. Release of this product is not expected to have significant adverse effects in the aquatic environment.



US DOT SYMBOLS
Non-Regulated Material

CANADA (WHMIS) SYMBOLS
"Not Controlled"

EUROPEAN and
(GHS) Hazard Symbols

CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910.1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC

Index Number:	EC# 231-791-2 This substance is not classified in the Annex VI of Directive 67/548/EEC Proprietary Ingredient is not listed in ESIS
	CAS# 68131-40-8 is not listed in ESIS
	Substances not listed either individually or in group entries must be self classified.

Component(s) Contributing to Classification(s)	All Components
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LABEL ELEMENTS

GHS Hazard Classification(s):	Skin Irritant Category 2 Eye Irritant Category 2A STOT SE Category 3 Acute Oral Toxicity Category 4
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Hazard Statement(s)	H315: Causes skin irritation H319: Causes serious eye irritation H335: May cause respiratory irritation H302: May be harmful if swallowed
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Precautionary Statement(s)	P261: Avoid breathing fume/mist/vapors/spray P264: Wash skin after handling P281: Use personal protective equipment as required
EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1999/45/EC	[C] Corrosive, [Xi] Irritant
Risk Phrases:	R22: Harmful if swallowed R36/37/38: Irritating to eyes, respiratory system and skin
Safety Phrases:	S24/25: Avoid contact with skin and eyes S45: In case of accident or if you feel unwell, seek medical attention immediately
HEALTH HAZARDS OR RISKS FROM EXPOSURE	
SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE	The most significant routes of exposure for this product are by inhalation, skin contact, eye contact or ingestion.
ACUTE	
Inhalation:	Inhalation of mists may be irritating to the respiratory tract.
Contact with skin:	Repeated or prolonged contact may cause skin irritation.
Eye Contact:	Contact may irritate the eyes, resulting in redness or watering.
Ingestion:	Ingestion may cause gastrointestinal irritation with nausea and diarrhea.
Chronic:	None known
TARGET ORGANS: Acute:	Eyes, Skin, Respiratory System Chronic: None Known

	Health	Fire	Reactivity
HMIS:	1	0	0

Ranking: 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme

FIRST AID

Eye Contact:	Flush with water for 20 minutes lifting eyelids. Get medical attention immediately
Skin Contact:	Immediately flush skin with water for 20 minutes. Remove and launder contaminated clothing before use.
Inhalation:	Remove victim to fresh air. Administer artificial respiration if breathing ceases. Get medical attention immediately.
Ingestion:	Do not induce vomiting. Give lots of water, if conscious. Get medical attention immediately.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%	TLV (UNITS)	PEL
Isopropyl Alcohol	67-63-0	<25	400 ppm	400 ppm
Ethylene Glycol Monobutyl Ether	111-76-2	<25	25 ppm skin	25 ppm skin

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

4. FIRST AID MEASURES

First aid measures

Eye:	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.
Skin:	If product contacts skin, wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.
Inhalation:	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.
Ingestion:	If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Exposure to this product may cause irritation to skin and eyes. Inhalation of fumes/vapors may cause irritation to respiratory system. May be harmful if swallowed with digestive tract irritation, diarrhea and vomiting.

RECOMMENDATIONS TO PHYSICIANS

Treat symptoms and eliminate overexposure.

5. FIRE FIGHTING MEASURES

FIRE EXTINGUISHING MATERIALS

Use fire extinguishing methods below:

Water Spray:	No
Foam:	Yes
Halon:	Yes
Carbon Dioxide:	Yes
Dry Chemical:	Yes
Other:	Any "C" Class

UNUSUAL FIRE AND EXPLOSION HAZARDS

Emits toxic fumes under fire conditions.

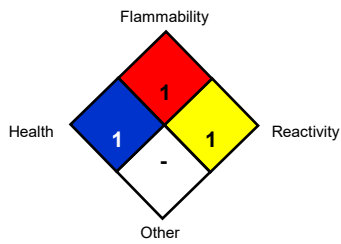
Explosion Sensitivity to Mechanical Impact:	No
Explosion Sensitivity to Static Discharge:	No

SPECIAL FIRE-FIGHTING PROCEDURES


Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

FLASH POINT:	225 deg. F.
FLAMMABLE LIMITS:	N/A
LOWER:	N/A
UPPER:	N/A
FIRE/EXPLOSION HAZARDS:	None
EXTINGUISHING MEDIA:	Foam, CO2, dry chemical
FIRE FIGHTING PROCEDURES:	Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			1
FLAMMABILITY HAZARD (RED)			1
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale 0 = Minimal 1 = Slight 2= Moderate 3 = Serious 4 = Severe * = Chronic Hazard

6. ACCIDENTAL RELEASE MEASURES

Personal precautions,
protective equipment and
emergency procedures

See section 8.2 for Exposure Controls.

ENVIRONMENTAL PRECAUTIONS

Construct a dike to prevent spreading. Keep out of sewers,
storm drains, surface waters, and soils

SPILL AND LEAK RESPONSE

Soak up with absorbent material such as clay, sand or other
suitable non-reactive material. Place in leak-proof containers.
Seal tightly for proper disposal. Dispose of in accordance with
U.S. Federal, State, and local hazardous waste disposal regulations
and those of Canada and its Provinces, those of Australia, Japan
and EU Member States (see Section 13, Disposal Considerations).

7. HANDLING AND STORAGE

Precautions for safe handling

To prevent skin and eye contact under the foreseeable conditions
of use, wear appropriate protective clothing and safety eyewear.
When handling do not eat, drink, or smoke. Wash thoroughly after
handling. Avoid breathing fumes. Handle in a well-ventilated work area.

STORAGE AND HANDLING PRACTICES

Keep in cool, dry, well-ventilated area in closed containers. Protect
containers from physical damage.

SPECIFIC USES

Mineral residue remover

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

EXPOSURE CONTROLS

VENTILATION AND ENGINEERING CONTROLS

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION

Not normally required when using this product. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION

Safety glasses or goggles are required where splashing is possible. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION

Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION

Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL AND CHEMICAL PROPERTIES

VOC 9:1DILUTION: less than 25 gm/l, <3%

APPEARANCE & ODOR:	Cobalt blue liquid slight odor
BOILING POINT:	(F) 212
PERCENT VOLATILE:	100%
EVAPORATION RATE (BUTYL ACETATE = 1):	ND
SOLUBILITY IN WATER:	100%
VAPOR DENSITY:	ND
pH:	7.8
VAPOR PRESSURE:	<30
SPECIFIC GRAVITY:	1.00

10. STABILITY AND REACTIVITY

Reactivity	This product is not reactive.
Stability	Stable under normal storage/use conditions
possibility of hazardous reactions	Will not occur
Conditions to avoid	None known
incompatible materials	None known
Hazardous decomposition products	Thermal decomposition products include carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA	CAS# 68131-40-8: Draize test, rabbit, eye: 100 mg Mild; Draize test, rabbit, eye: 5 mg Severe; Draize test, rabbit, eye: 1 mg Severe; Draize test, rabbit, eye: 5 mg Severe; Draize test, rabbit, eye: 100 mg Mild; Oral, rat: LD50 = 32 mL/kg; Oral, rat: LD50 = 8570 uL/kg; Oral, rat: LD50 = 3250 uL/kg; Oral, rat: LD50 = 2380 mg/kg; Oral, rat: LD50 = 3360 uL/kg; Oral, rat: LD50 = 6500 uL/kg; Oral, rat: LD50 = 5660 mg/kg; Skin, rabbit: LD50 = 5660 uL/kg; Skin, rabbit: LD50 = 4
SUSPECTED CANCER AGENT	None of the ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, or suspected to be, cancer-causing agents by these agencies.
IRRITANCY OF PRODUCT	This product may be irritating to skin, eyes or respiratory system.
SENSITIZATION TO THE PRODUCT	This product is not considered a respiratory system or skin sensitizer.
REPRODUCTIVE TOXICITY INFORMATION	No information concerning the effects of this product and its components on the human reproductive system.
SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE	Eyes, Respiratory System and Skin
SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE	None Known
ASPIRATION HAZARD	None Known

12. ECOLOGICAL INFORMATION

TOXICITY	No toxicity data available
Persistence and degradability	No specific data available on this product.
Bioaccumulative potential	No specific data available on this product.
Mobility in soil	No specific data available on this product.
RESULTS OF PBT ANDvPvB ASSESSMENT	No specific data available on this product.
Other adverse effects	No specific data available on this product. ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.
WATER ENDANGERMENT CLASS	Water endangering in accordance with EU Guideline 91/155-EWG. Not determined

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.
EU Waste Code	Not determined

14. TRANSPORT INFORMATION

US DOT, IATA, IMO, ADR U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:	This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.
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NOTE: Per 49CFR 173.154 limited quantities of corrosive material (Class 8) in Packing Groups II and III are excepted from labeling requirements, unless the material is offered for transportation or transported by aircraft, and are excepted from the specification packaging requirements of this subchapter when packaged in combination packagings according to this paragraph. A limited quantity package that conforms to the provisions of this section is not subject to the shipping paper requirements of subpart C of part 172 of this subchapter, unless the material meets the definition of a hazardous substance, hazardous waste, marine pollutant, or is offered for transportation and transported by aircraft or vessel, and is eligible for the exceptions provided in §173.156 of this part. In addition, shipments of limited quantities are not subject to subpart F (Placarding) of part 172 of this subchapter. Each package must conform to the packaging requirements of subpart B of this part and may not exceed 30 kg (66 pounds) gross weight. Except for transportation by aircraft, the following combination packagings are authorized: For miscellaneous materials in Packing Group III, inner packagings not over 5.0 L (1.3 gallons) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging.

Proper Shipping Name:	Compounds, cleaning liquid
Hazard Class Number and Description:	Corrosive Class 8
UN Identification Number:	NA1760
Packing Group:	PGIII
DOT LABEL(S) REQUIRED	Corrosive
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER	154
RQ QUANTITY	None
MARINE POLLUTANT	None of the components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).
SPECIAL PRECAUTIONS FOR USER	Avoid exposure
INTERNATIONAL TRANSPORTION INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):	This product is considered as dangerous goods.

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS

U.S. SARA REPORTING REQUIREMENTS:	The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.
U.S. SARA THRESHOLD PLANNING QUANTITY:	There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.
U.S. CERCLA REPORTABLE QUANTITY (RQ):	None
U.S. TSCA INVENTORY STATUS:	The components of this product are listed on the TSCA Inventory or are exempted from listing.
OTHER U.S. FEDERAL REGULATIONS:	None
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):	Ingredients within this product are not on the Proposition 65 Lists.

CANADIAN REGULATIONS

CANADIAN DSL/NDSL INVENTORY STATUS:	The components of this product are on the DSL Inventory, or are exempted from listing.
OTHER CANADIAN REGULATIONS:	Not applicable.
CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.
CANADIAN WHMIS CLASSIFICATION and SYMBOLS:	This product is Class E Corrosive Material, per WHMIS Controlled Product Regulations.

EUROPEAN ECONOMIC COMMUNITY INFORMATION

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for full Details.

AUSTRALIAN INFORMATION FOR PRODUCT

The components of this product are listed on the International Chemical Inventory list.

JAPANESE INFORMATION FOR PRODUCT

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:	The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.
JAPANESE ENCS INVENTORY:	The components of this product are on the ENCS Inventory as indicated in the section on International Chemical Inventories, below.
POISONOUS AND DELETERIOUS SUBSTANCES CONTROL LAW:	No component of this product is a listed Specified Poisonous Substance under the Poisonous and Deleterious Substances Control Law.

INTERNATIONAL CHEMICAL INVENTORIES

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed
Australian Inventory of Chemical Substances (AICS): Listed
Korean Existing Chemicals List (ECL): Listed
Japanese Existing National Inventory of Chemical Substances (ENCS): Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed
Swiss Giftlist List of Toxic Substances: Listed
U.S. TSCA: Listed

16. OTHER INFORMATION

Disclaimer

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Snyder Manufacturing Corporation assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Snyder Manufacturing Corporation assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.