

Safety Data Sheet

STANLEY ECO-CUTTING FLUID CONCENTRATE

Section 1. Identification

Product Identifier	STANLEY EARTH, STANLEY, ECO-CUTTING FLUID		
Synonyms	SECF		
Manufacture Stock Numbers	88274		
Recommended use	WATER BASED CUTTING FLUID, COOLANT, LUBRICANT GENERAL METALWORKING CUTTING and DRILLING FLUID		
Uses advised against	Closed loop cutting systems		
Manufacturer Contact	Dynamic Green Products Inc. 11757 Katy Fwy Houston TX 77079 USA		
	Phone	Emergency Phone	Fax
	855-BIO-OILS (246-6457)	(800) 222-1222 (US&CA)	855-246-6457
	Email	Website	
	sds@dgpworks.com	www.dgpworks.com	

Section 2. Hazards Identification

Classification	Not Classified according to 2012 OSHA HAZ COM Standard; 29 CFR Part 1910.1200 - Category N/A
Signal Word	
Pictogram	
Hazard Statements	N/A
Precautionary Statements	
Response	In case of fire: Use water fog, dry chemical, foam, CO2 to extinguish.
Prevention	Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection
Storage	Store in a well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents/container to local, state, and federal regulations. Empty containers must be completely empty with all closures in place, as per 49CFR173.29 & EPA 40CFR261.7. Do not reuse containers for waste and disposal.
Ingredients of unknown toxicity	0%
Hazards not Otherwise Classified	NONE
Additional Information	False

Section 3. Ingredients

CAS	Ingredient Name	Weight %
7732-18-5	Water	40-60%
57-55-6	Propylene Glycol	< 10%
8001-79-4	Castor Oil Derivative	< 10%
102-71-6	Triethanolamine	< 3.9%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Eye	Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.
Skin	Wash with soap and water. Wash clothing separately before reuse.
Ingestion	If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
NOTES TO PHYSICIAN	Treat symptomatically.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use water fog, foam, dry chemical, or carbon dioxide (CO2) to extinguish flames.
Unsuitable Extinguishing Media	CAUTION: Water stream may spread fire.
Hazardous Combustion Products	Smoke, Fume, Incomplete combustion products, Oxides of carbon. Oxides of Nitrogen.
Fire Fighting Instructions	In the event of fire, cool tanks with water spray. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

PERSONAL PRECAUTIONS	Use appropriate protective equipment (see Section 8).
ENVIRONMENTAL PRECAUTIONS	
Containment	Prevent entry into waterways, sewers, basement or confined areas.
Clean-up	Avoid runoff into storm sewers and ditches which lead to waterways.
METHODS FOR CONTAINMENT AND CLEAN UP	
Containment	Eliminate all ignition sources. Stop the flow of material, if this can be done without risk. Dike the spilled material, where this is possible.
Collect	Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust.
Clean-up	Forms smooth, slippery surfaces on floors, posing an accident risk. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Vacuum or sweep up material and place in a disposal container.

Section 7. Handling and Storage

	Engineered Lubricants recommends the end user always adhere to NIOSH and OSHA published requirements and guidelines for handling, use, management, storage and disposal.
Handling	Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Wash thoroughly after handling.
Storage	Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Triethanolamine	5mg/m3 TWA	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
PERSONAL PROTECTION	Although this product is not classified as hazardous protective gloves and clothing are still recommended within the manufacturing environment.			
Specific Hygiene Measures	Always observe good personal hygiene measures, such as washing after handling the material before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.			
Skin Protection	Protective gloves and clothing are recommended.			
Eye	Wear safety glasses.			
Engineering Controls	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.			

Section 9. Physical and Chemical Properties

Physical State	LIQUID	Color	LIGHT AMBER
Odor	MILD	Odor Threshold	N/A
Solubility	SOLUBLE IN H2O.	Partition coefficient Water/n-octanol	N/A
Viscosity	N/A	Specific Gravity	1.039
Density lbs/Gal	8.44	Pounds per Cubic Foot	N/A
Flash Point	ND-WATER	FP Method	N/A
Ph	8.12 (10:1 aqueous solution)	Melting Point	N/A
Boiling Point	N/A	Boiling Range	N/A
LEL	N/A	UEL	N/A
Evaporation Rate	N/A	Flammability	N/A
Decomposition Temperature	N/A	Auto-ignition Temperature	N/A

Vapor Pressure	N/A	Vapor Density	N/A
VOC%	N/A		

Section 10. Stability and Reactivity

Reactivity	None expected.
Stability	Material is stable under normal conditions.
Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Excessive heat. High energy sources of ignition.
Incompatible Materials	Strong oxidizers. Acids. Nitrites.
Thermal Decomposition	Incomplete combustion may produce carbon monoxide and other asphyxiants.

Section 11. Toxicological Information

ACUTE ORAL TOXICITY	
ATEmix- Oral:	> 8,000 mg/kg
ACUTE INHALATION TOXICITY	
ATEmix- Inhalation (Dusts and Mists):	> 5.0 mg/L 4 hours.
ACUTE DERMAL TOXICITY	
ATEmix- Dermal:	> 2000 mg/kg
SKIN IRRITATION	Not expected to cause skin irritation.
EYE IRRITATION	Not expected to cause eye irritation.
REPRODUCTIVE TOXICITY	No data to indicate that the product is a reproductive toxin.
SKIN SENSITIZATION	No data to indicate that the product will be a skin sensitizer.
GERM CELL MUTAGENICITY	No data to indicate that the product will be a germ cell mutagen.
CARCINOGENICITY	
102-71-6; Triethanolamine	IARC: Group 3: Not classifiable as to its carcinogenicity to humans.
STOT-SINGLE EXPOSURE	No data to indicate that the product will cause specific target organ toxicity after single exposure.
STOT-REPEATED EXPOSURE	No data to indicate that the product will cause specific target organ toxicity after repeated exposure.
ASPIRATION HAZARD	NONE

Section 12. Ecological Information

ECOTOXICITY EFFECTS	No data available.
PERSISTENCE AND DEGRADABILITY	No data available.

Section 13. Disposal

Waste Disposal Method	According to local, state, and federal regulations.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for local recycling or waste disposal.

Section 14. Transport Information

UN Number	N/A	UN Proper Shipping Name	N/A
DOT Classification	N/A	Packing Group	N/A
	Not Regulated		

Section 15. Regulatory Information

US REGULATIONS	
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SARA 311 CLASSIFICATIONS
SARA (313) TOXIC RELEASE
INVENTORY

Not classified.

CERCLA (Comprehensive
Environmental Response and
Liability Act of 1980, S 103)

No known reportable quantities.

EPCRA

No known reportable quantities.

IARC

No known reportable quantities.

IARC: Group 3: Not classifiable as to its carcinogenicity to humans.

U.S. STATE RIGHT TO KNOW
CALIFORNIA PROP 65

Formula does not intentionally contain any known toxic or hazardous substances

Warning:

This product can expose you to chemicals including Diethanolamine <0.06%; which is/are known to the state of California to cause cancer. For more information go to [www.P65 Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Section 16. Other Information

Revision Date

1/28/2022

Disclaimer

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LEGEND

Additional Information

DOT- Department of Transportation; IMDG-International Maritime Dangerous Goods;
IATA- International Air Transport Association; SARA-Superfund Amendments and Reauthorization Act;
CERCLA-Comprehensive Environmental Response, Compensation, and Liability Act; EPCRA-
Emergency Planning and Community Right-to-Know Act; IARC-International Agency for Research on
Cancer. STOT-Specific Target Organ Toxicity.

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