

**Safety Data Sheet**
acc. to OSHA HCS

Printing date 07/02/2024

Version 7.0

Last revision 06/01/2024

*** 1 Identification**

- **Product name:** Deli-Cut, Low Speed Cutting Fluid
- **Part number:** 60-20110, 60-20115
- **Application of the substance / the mixture** Lubricant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Allied High Tech Products Inc.
16207 Carmenita Road
USA-Cerritos, CA, 90703
USA
info@alliedhightech.com
- **Information department:** Product safety department
- **Emergency telephone number:**
During normal opening times: +1 (310) 635-2466
Chemtrec: +1 (202) 483-7616

2 Hazard(s) identification

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· Hazardous components and components with occupational exposure limits:

| | | |
|---------|------------------|--------|
| 57-55-6 | propylene glycol | 80-90% |
|---------|------------------|--------|

· Non-hazardous components:

| | | |
|--|---|--------|
| 7732-18-5 | water, distilled, conductivity or of similar purity | 10-20% |
| 7632-00-0 | sodium nitrite | <0.25% |
| ⚠ Oxidizing Solids 3, H272; ⚠ Acute Toxicity - Oral 3, H301; ⚠ Aquatic Acute 1, H400 | | |

- **Additional information:** The specific chemical identity and/or exact percentage of the composition has been withheld as a trade secret.

4 First-aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.

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- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
Disorientation
Unconsciousness
- **Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** No special measures necessary.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
No special requirements.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No additional data. See 7.
- **Control parameters**

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|---|
| · Components with limit values that require monitoring at the workplace: |
|---|

| |
|--------------------------|
| 57-55-6 propylene glycol |
|--------------------------|

| | |
|------|---------------------------------------|
| WEEL | Long-term value: 10 mg/m ³ |
|------|---------------------------------------|

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:**
Not required.
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:** Not required.

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- **Material of gloves**
Nitrile rubber, NBR
Butyl rubber, BR
- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

| | |
|---|---|
| · Information on basic physical and chemical properties · General Information · Appearance: Form: Liquid Color: Red · Odor: Odorless · Odor threshold: Not determined. | |
| · pH-value at 20 °C (68 °F): | 7 |
| · Change in condition Melting point/Melting range: >-1.1 °C (>30 °F) Boiling point/Boiling range: >100 °C (>212 °F) | |
| · Flash point: | >93.3 °C (>199.9 °F) |
| · Flammability (solid, gaseous): | Not applicable. |
| · Decomposition temperature: | Not determined. |
| · Ignition temperature: | Product is not selfigniting. |
| · Danger of explosion: | Product does not present an explosion hazard. |
| · Explosion limits: Lower: Not determined. Upper: Not determined. | |
| · Vapor pressure at 20 °C (68 °F): | 23.3 hPa (17.5 mm Hg) |
| · Density at 20 °C (68 °F): | 1.03 g/cm ³ (8.595 lbs/gal) |
| · Relative density | Not determined. |
| · Vapor density | Not determined. |
| · Specific gravity: | 1.03 |
| · Evaporation rate | Not determined. |
| · Solubility in / Miscibility with Water: | Fully miscible. |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity: Dynamic: Not determined. Kinematic: Not determined. | |
| · Solvent content: Organic solvents: 81.7 % Water: 18.2 % VOC content: 81.74 % | |
| Solids content: | 0.1 % |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Reactivity** No further relevant information available.

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- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid**
Keep away from alkaline solutions.
Keep away from oxidising agents and acidic substances.
- **Incompatible materials:** Amines
- **Hazardous decomposition products:**
Aldehyde
Carbon monoxide and carbon dioxide
- **Additional information:** Hazardous decomposition products may form during combustion.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

| |
|---|
| · LD/LC50 values that are relevant for classification: |
|---|

57-55-6 propylene glycol

| | | |
|--------|------|-----------------------|
| Oral | LD50 | >2,000 mg/kg (rat) |
| Dermal | LD50 | 20,800 mg/kg (rabbit) |

- **Primary chemical irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**

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|---|
| · IARC (International Agency for Research on Cancer) |
|---|

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|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

| |
|--|
| · NTP (National Toxicology Program) |
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|------------------------------------|
| None of the ingredients is listed. |
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|--|
| · OSHA-Ca (Occupational Safety & Health Administration) |
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| |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Contact waste processors for recycling information.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

| | |
|---|-----------------|
| · UN-Number | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Sara**

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|--|
| · Section 355 (extremely hazardous substances): |
| None of the ingredients is listed. |
| · Section 313 (Specific toxic chemical listings): |
| 7632-00-0 sodium nitrite |
| · TSCA (Toxic Substances Control Act): |
| All components have the value ACTIVE. |
| · Hazardous Air Pollutants |
| None of the ingredients is listed. |
| · Proposition 65 |
| · Chemicals known to cause cancer: |
| None of the ingredients is listed. |
| · Chemicals known to cause reproductive toxicity for females: |
| None of the ingredients is listed. |
| · Chemicals known to cause reproductive toxicity for males: |
| None of the ingredients is listed. |
| · Chemicals known to cause developmental toxicity: |
| None of the ingredients is listed. |

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- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

To the best of our knowledge, the information contained herein is accurate. However, it does not describe a guarantee of product properties and does not establish a contractual legal relationship.

- **Department issuing SDS:** Technical Services

- **Contact:** Pablo Mendoza

- **Last revision / supersedes version:** 06/01/2024 / 6.0

- **Supersedes date:** 06/01/2022

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

- *** Data compared to the previous version altered.**