

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** BLEND ENGINE COOL

**Other means of identification**

**SDS number:** 000100002779

**Recommended use and restriction on**

**use Recommended use:** Not available.

**Restrictions on use:** Not known.

**Emergency telephone number:** For emergency assistance involving chemicals

call CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

## 2. Hazard(s) identification

**Hazard classification**

**Label elements**

**Hazard symbol** No symbol

**Signal word** No signal word.

**Hazard statement** This material is not considered hazardous by the OSHA Hazard Communication Standard, OSHA 29 CFR 1910.1200.

**Precautionary statement**

**Prevention** Use personal protective equipment as required.

**Storage** Store in a closed container.

**Disposal** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Water		7732-18-5	58 - 74%
Dipropylene Glycol		25265-71-8	25 - 35%
Disodium molybdate		10102-40-6	1 - 5%
TOLYLTRIAZOLE		29385-43-1	0 - 2%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

**Ingestion:** Never give liquid to an unconscious person. Get medical attention.  
**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.  
**Skin contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.  
**Eye contact:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.  
**Most important symptoms/effects, acute and delayed**  
**Symptoms:** No data available.

#### Indication of immediate medical attention and special treatment needed

**Treatment:** No data available.

### 5. Fire-fighting measures

**General fire hazards:** No data available.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use: Foam. Carbon dioxide or dry powder.

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** No data available.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** No data available.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** No data available.

**Methods and material for containment and cleaning up:** Absorb spillage with non-combustible, absorbent material. Dike for later disposal.

**7. Handling and storage**

**Precautions for safe handling:** Avoid contact with eyes, skin, and clothing. Avoid breathing mists or vapors. Use only with adequate ventilation.

**Conditions for safe storage, including any incompatibilities:** No data available.

## 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Chemical identity	Type	Exposure Limit values	Source
Disodium molybdate - Respirable fraction. - as Mo	TWA	0.5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2013)
Disodium molybdate - as Mo	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	5 mg/m <sup>3</sup>	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
Disodium molybdate - Particulate.	ST ESL	50 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
	AN ESL	5 µg/m <sup>3</sup>	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (02 2013)
Disodium molybdate - as Mo	TWA PEL	0.5 mg/m <sup>3</sup>	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (02 2012)

**Appropriate engineering controls** No data available.

#### Individual protection measures, such as personal protective equipment

**General information:** No data available.

**Eye/face protection:** No data available.

#### Skin protection

**Hand protection:** No data available.

**Other:** No data available.

**Respiratory protection:** No data available.

**Hygiene measures:** No data available.

## 9. Physical and chemical properties

**Physical state:** Liquid

**Form:** No data available.

<b>Color:</b>	No data available.
<b>Odor:</b>	No data available.
<b>Odor threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting point/freezing point:</b>	No data available.
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Evaporation rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.

#### 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical stability:</b>	No data available.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	No data available.
<b>Incompatible materials:</b>	No data available.

Hazardous decomposition products: No data available.

## 11. Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

**Ingestion:** No data available.  
**Inhalation:** No data available.  
**Skin contact:** No data available.  
**Eye contact:** No data available.

### Information on toxicological effects

#### Acute toxicity (list all possible routes of exposure)

##### Oral

**Product:** Not classified for acute toxicity based on available data.

##### Dermal

**Product:**

Not classified for acute toxicity based on available data.

##### Inhalation

**Product:** No data available.

#### Specified substance(s):

Dipropylene Glycol LC50 (Rat, ) : >2.34 mg/l (, Yes) 1 (reliable without restriction)

#### Repeated dose toxicity

**Product:** No data available.

#### Skin corrosion/irritation

**Product:** No data available.

#### Serious eye damage/eye irritation

**Product:** No data available.

#### Respiratory or skin sensitization

**Product:** No data available.

#### Carcinogenicity

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ cell mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific target organ toxicity - single exposure**

**Product:** No data available.

**Specific target organ toxicity - repeated exposure**

**Product:** No data available.

**Aspiration hazard**

**Product:** No data available.

**Other effects:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

Dipropylene Glycol LC 50 (Goldfish (*Carassius auratus*), 24 h): > 5,000 mg/l Mortality

**Aquatic invertebrates**

**Product:** No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic invertebrates**

**Product:** No data available.

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration factor (BCF)**

**Product:** No data available.

**Partition coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:**

No data available.

**Known or predicted distribution to environmental compartments**

Water No data available.

Oxydipropanol No data available.

Disodium molybdate No data available.

TOLYLTRIAZOLE No data available.

**Known or predicted distribution to environmental compartments**

Water No data available.

Oxydipropanol No data available.

**13. Disposal considerations**

**Disposal instructions:** No data available.

**Contaminated packaging:** No data available.

**14. Transport information**

Not regulated for US domestic ground transportation.

**15. Regulatory information**

**US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund amendments and reauthorization act of 1986 (SARA)**

**Hazard categories**

Not listed.



**SARA 302 Extremely hazardous substance**

None present or none present in regulated quantities.

**SARA 304 Emergency release notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous chemical**

<u>Chemical identity</u>	<u>Threshold Planning Quantity</u>
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Disodium molybdate	500 lbs
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**SARA 313 (TRI reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US state regulations**

**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

Dipropylene Glycol	Listed
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**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

<b>Inventory Status:</b> Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EUEINECS List:	Not in compliance with the inventory.
EUELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
USTSCA Inventory:	Not in compliance with the inventory.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

**16. Other information, including date of preparation or last revision**

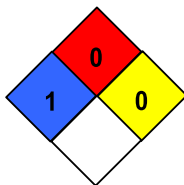
**HMIS Hazard ID**

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Physical hazards</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	
	<b>B</b>

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*Chronic health effect

**NFPA Hazard ID**



	Flammability
	Health
	Reactivity
	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

<b>Issue date:</b>	08/10/2015
<b>Revision date:</b>	No data available.
<b>Version #:</b>	1.0
<b>Further information:</b>	No data available.