1 Identification

Product identifier
Trade name: Rislone® NANO PRIME™ Engine & Oil Additive
Product code: 4104

Recommended use and restriction on use
Recommended use: Oil Additive.
Restrictions on use: No relevant information available.

Details of the supplier of the Safety Data Sheet
Manufacturer/Supplier:
Bar's Products / Rislone
P.O. Box 187
Holly, MI 48442 USA
Phone: (810) 603-1321

Emergency telephone number:
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

2 Hazard(s) identification

Classification of the substance or mixture
Eye Irrit. 2A H319 Causes serious eye irritation.

Label elements
GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:

! GHS07

Signal word: Warning
Hazard statements:
H319 Causes serious eye irritation.

Precautionary statements:
P264 Wash thoroughly after handling.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Components: (Cont'd. on page 2)
Trade name: Rislone® NANO PRIME™ Engine & Oil Additive

Additional information:
For the wording of the listed Hazard Statements, refer to section 16.
For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

Description of first aid measures
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact:
Wash with soap and water.
If skin irritation is experienced, consult a doctor.
After eye contact:
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing:
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
Most important symptoms and effects, both acute and delayed:
Causes eye irritation.
Slight irritant effect on skin and mucous membranes.
Gastric or intestinal disorders when ingested.
Indication of any immediate medical attention and special treatment needed:
No relevant information available.

5 Fire-fighting measures

Extinguishing media
Suitable extinguishing agents:
Foam
Carbon dioxide
Fire-extinguishing powder
Gaseous extinguishing agents
For safety reasons unsuitable extinguishing agents: Water
Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
Trade name: Rislone® NANO PRIME™ Engine & Oil Additive

(Cont’d. of page 2)

Particular danger of slipping on leaked/spilled product.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

**Environmental precautions**
Do not allow to enter sewers/surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
Prevent from spreading (e.g. by damming-in or oil barriers).

**Methods and material for containment and cleaning up**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Remove from the water surface (e.g. skim or suck off).
Dispose of the collected material according to regulations.

**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.

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7 Handling and storage

**Handling**

**Precautions for safe handling:**
- Prevent formation of aerosols.
- Use only in well ventilated areas.
- Keep out of reach of children.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

**Requirements to be met by storerooms and receptacles:**
- Avoid storage near extreme heat, ignition sources or open flame.

**Information about storage in one common storage facility:**
- Store away from foodstuffs.
- Store away from oxidizing agents.

**Specific end use(s)** No relevant information available.

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8 Exposure controls/personal protection

**Control parameters**

**Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Exposure controls**

**General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Wash hands before breaks and at the end of work.
- Do not inhale gases / fumes / aerosols.
- Avoid contact with the eyes.
- Avoid close or long term contact with the skin.

**Engineering controls:** No relevant information available.

**Breathing equipment:**

(Cont’d. on page 4)
Trade name: Rislone® NANO PRIME™ Engine & Oil Additive

Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:

Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection: Protection may be required for spills.

Limitation and supervision of exposure into the environment: No special requirements.

Risk management measures: No special requirements.

9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance:

Form: Liquid
Color: Blackish-blue
Odor: Sweet
Odor threshold: Not determined.

pH-value: Not determined.
Melting point/Melting range: Not determined.
Boiling point/Boiling range: Not determined.
Pour point: -42 °C (-43.6 °F)

Flash point: 146 °C (294.8 °F)

Flammability (solid, gaseous): Not applicable.

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits

Lower: Not determined.
Upper: Not determined.

Oxidizing properties: Non-oxidizing.

Vapor pressure: Not determined.

Density:

Relative density at 25 °C (77 °F): 0.850 - 0.865 g/cm³ (7.09-7.22 lbs/gal)
Vapor density: Not determined.
Trade name: Rislane® NANO PRIME™ Engine & Oil Additive

Evaporation rate: Not determined.
Solubility in / Miscibility with Water: Not miscible or difficult to mix.
Partition coefficient (n-octanol/water): Not determined.
Viscosity
   Dynamic at 25 °C (77 °F): 110 - 150 cps
   Kinematic: Not determined.
Other information No relevant information available.

10 Stability and reactivity

Reactivity: No relevant information available.
Chemical stability: Stable under normal temperatures and pressures.
Thermal decomposition / conditions to be avoided:
   No decomposition if used and stored according to specifications.
Possibility of hazardous reactions
   Toxic fumes may be released if heated above the decomposition point.
   Reacts with strong acids and oxidizing agents.
Conditions to avoid Excessive heat.
Incompatible materials Oxidizers
Hazardous decomposition products
   Carbon monoxide and carbon dioxide
   Hydrocarbons
   Phosphorus oxides (e.g. P2O5)
   Sulfur oxides (SOx)
   Toxic metal compounds

11 Toxicological information

Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.
LD/LC50 values that are relevant for classification: None.
Primary irritant effect:
   On the skin: Causes mild skin irritation.
   On the eye: Irritating effect.
Sensitization: Based on available data, the classification criteria are not met.
Carcinogenic categories
IARC (International Agency for Research on Cancer):
   None of the ingredients are listed.
NTP (National Toxicology Program):
   None of the ingredients are listed.
OSHA-Ca (Occupational Safety & Health Administration):
   None of the ingredients are listed.
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Probable route(s) of exposure:
- Ingestion.
- Eye contact.
- Skin contact.
- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

12 Ecological information

Toxicity
- Aquatic toxicity The product contains materials that are harmful to the environment.
- Persistence and degradability The product is partially biodegradable. Significant residuals remain.
- Bioaccumulative potential: No relevant information available.
- Mobility in soil: No relevant information available.
- Additional ecological information
  - General notes: Avoid release to the environment.
  - Other adverse effects No relevant information available.

13 Disposal considerations

Waste treatment methods
- Recommendation: Contact waste processors for recycling information.
- The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

Uncleaned packagings
- Recommendation: Disposal must be made according to official regulations.

14 Transport information

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<td>Packing group</td>
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</table>
Trade name: Rislone® NANO PRIME™ Engine & Oil Additive

DOT, ADR/RID/ADN, 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.

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)
SARA
Section 302 (extremely hazardous substances):
None of the ingredients are listed.
Section 355 (extremely hazardous substances):
None of the ingredients are listed.
Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.
TSCA (Toxic Substances Control Act)
All ingredients are listed or exempt.

Proposition 65 (California)
Chemicals known to cause cancer:
None of the ingredients are listed.
Chemicals known to cause developmental toxicity for females:
None of the ingredients are listed.
Chemicals known to cause developmental toxicity for males:
None of the ingredients are listed.
Chemicals known to cause developmental toxicity:
None of the ingredients are listed.
EPA (Environmental Protection Agency):
None of the ingredients are listed.
IARC (International Agency for Research on Cancer):
None of the ingredients are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Trade name: Rislane® NANO PRIME™ Engine & Oil Additive

(Cont’d. of page 7)

Relevant phrases
H315 Causes skin irritation.
H318 Causes serious eye damage.

Date of preparation / last revision August 20, 2019 / -

Abbreviations and acronyms:
ADR: 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
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Sources
Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Safety Data Sheets, Individual Manufacturers

SDS Prepared by:
ChemTel Inc.
1305 North Florida Avenue
Tampa, Florida USA 33602-2902
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573
Website: www.chemtelinc.com