



# SAFETY DATA SHEET

## 1. Identification

Identification

Product name: AEON NG-P15

Additional identification

Chemical name: Mixture

Recommended use and restriction on use

Recommended use: Not determined.
Restrictions on use: Not determined.

Details of the supplier of the safety data sheet

**Supplier** 

Gardner Denver

1800 Gardner Expressway,

Quincy, IL 62301 United States of America Ph: 217-222-5400

**Emergency telephone number:** 

FOR TRANSPORT EMERGENCY CALL CHEMTREC (+1)703 527 3887, OR WITHIN USA 800 424 9300

(LUBRIZOL)

# 2. Hazard(s) identification

## **Hazard Classification**

#### **Health Hazards**

Specific Target Organ Toxicity - Category 2

Repeated Exposure

# **Unknown toxicity**

Acute toxicity, oral 0.0 %
Acute toxicity, dermal 0.0 %
Acute toxicity, inhalation, vapor 98.9 %
Acute toxicity, inhalation, dust 98.9 %
or mist

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#### **Label Elements:**

#### **Hazard Symbol:**



Signal Word: Warning

Hazard Statement: May cause damage to organs through prolonged or repeated

exposure.

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## **Precautionary Statement:**

**Prevention:** Do not breathe dust or mists.

**Response:** Get medical advice/attention if you feel unwell.

**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 identified.

# 3. Composition/information on ingredients

Chemical name	CAS number	Percent by Weight
Alkarylamine	68411-46-1	1 - 5%

# 4. First-aid measures

General information: Get medical advice/attention if you feel unwell.

Ingestion: Treat symptomatically. Get medical attention.

**Inhalation:** Remove exposed person to fresh air if adverse effects are observed.

**Skin Contact:** Wash with soap and water. If skin irritation occurs, get medical attention.

Eye contact: Any material that contacts the eye should be washed out immediately with

water. If easy to do, remove contact lenses.

## Most important symptoms/effects, acute and delayed

**Symptoms:** See section 11.

# Indication of immediate medical attention and special treatment needed

**Treatment:** Treat symptomatically.

# 5. Fire-fighting measures

**General Fire Hazards:** No unusual fire or explosion hazards noted.

# Suitable (and unsuitable) extinguishing media

Suitable extinguishing

media:

CO2, dry chemical, foam, water spray, water fog.

Unsuitable extinguishing

media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from

the chemical:

A solid stream of water will spread the burning material. Material creates a

special hazard because it floats on water. See section 10 for additional information.

# Special protective equipment and precautions for firefighters

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Special fire fighting

procedures:

No data available.

**Special protective** 

equipment for fire-fighters:

Recommend wearing self-contained breathing apparatus.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

No data available.

Methods and material for containment and cleaning up:

Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert

material.

**Environmental Precautions:** 

Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

Prevent further leakage or spillage if safe to do so.

# 7. Handling and storage

**Precautions for safe handling:** Do not breathe thermal decomposition products.

Do not breathe dust/fume/gas/mist/vapors/spray. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal

protective equipment.

**Maximum Handling** 

Temperature:

Not determined.

Conditions for safe storage,

including any incompatibilities:

Store away from incompatible materials. See section 10 for incompatible

materials.

Maximum Storage

Temperature:

Not determined.

# 8. Exposure controls/personal protection

#### Control Parameters:

# **Occupational Exposure Limits**

None of the components have assigned exposure limits.

Appropriate engineering

controls:

Mechanical ventilation or local exhaust ventilation may be required. No special requirements under ordinary conditions of use and with adequate

ventilation.

Individual protection measures, such as personal protective equipment

**General information:** Use personal protective equipment as required.

**Eye/face protection:** If contact is likely, safety glasses with side shields are recommended.

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**Skin Protection** 

**Hand Protection:** Nitrile. Suitable gloves can be recommended by the glove supplier. Consult

clothing/glove manufacturer to determine appropriate type of glove for given situation. Gloves should always be inspected before each use and discarded

if they show tears, pinholes, or signs of wear.

Other: No data available.

**Respiratory Protection:** Consult with an industrial hygienist to determine the appropriate respiratory

protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after

handling the material and before eating, drinking, and/or smoking. Routinely

wash work clothing to remove contaminants. Discard contaminated

footwear that cannot be cleaned.

# 9. Physical and chemical properties

**Appearance** 

Physical state: liquid
Form: liquid

Colorless to yellow

Odor: Mile

Odor threshold:No data available.pH:No data available.Freezing point:No data available.Boiling Point:No data available.

Flash Point: 514.9 °F (268.3 °C) (Cleveland Open Cup)

Evaporation rate: No data available. Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%):

Flammability limit - lower (%):

Explosive limit - upper (%):

No data available.

No data available.

No data available.

Vapor pressure:

Vapor density:

Relative density:

No data available.

Solubility(ies)

Solubility in water:
Solubility (other):
No data available.
Partition coefficient (n-octanol/water):
No data available.
Auto-ignition temperature:
No data available.
Decomposition temperature:
No data available.
Viscosity:
No data available.

# 10. Stability and reactivity

**Reactivity:** No data available.

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**Chemical Stability:** Material is stable under normal conditions.

**Possibility of Hazardous** 

Reactions:

Will not occur.

Conditions to Avoid: Not determined.

Incompatible Materials: Strong bases. Strong mineral acids and strong oxidizing agents. Strong

oxidizing agents.

**Hazardous Decomposition** 

**Products:** 

Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

## 11. Toxicological information

# Information on likely routes of exposure

**Inhalation:** No data available.

**Ingestion:** No data available.

**Skin Contact:** No data available.

Eye contact: No data available.

## Information on toxicological effects

## **Acute toxicity**

Oral

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

Dermal

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

Inhalation

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

Skin Corrosion/Irritation:

Product: Prolonged or repeated skin contact as from clothing wet with

material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin. Prolonged or repeated

contact may cause irritation.

Remarks: Not classified as a primary skin irritant.

Serious Eye Damage/Eye Irritation:

Product: Remarks: Not classified as a primary eye irritant.

Respiratory sensitization:

No data available

Skin sensitization:

Alkarylamine Classification: Not a skin sensitizer. (Literature) Not a skin sensitizer.

## Specific Target Organ Toxicity - Single Exposure:

Alkarylamine If material is misted or if vapors are generated from heating,

exposure may cause irritation of mucous membranes and the upper

respiratory tract.

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Aspiration Hazard:

No data available

**Chronic Effects** 

Carcinogenicity:

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:** 

Alkarylamine The Ames Salmonella test for mutagenicity was negative for this

product.

Reproductive toxicity:

Carboxylic ester Not Classified based on available data.

## **Specific Target Organ Toxicity - Repeated Exposure:**

Alkarylamine Repeated overexposure may result in liver and kidney damage.

Oral: Target Organ(s): Liver, Kidney

# 12. Ecological information

## **Ecotoxicity**

Fish

Alkarylamine LC 50 (Zebra Fish, 4 d): > 100 mg/l

**Aquatic Invertebrates** 

Alkarylamine EC 50 (Water flea (Daphnia magna), 2 d): 51 mg/l

**Toxicity to Aquatic Plants** 

Alkarylamine EC 50 (Green algae (Scenedesmus quadricauda), 3 d): > 100 mg/l

Toxicity to soil dwelling organisms

No data available

**Sediment Toxicity** 

No data available

**Toxicity to Terrestrial Plants** 

No data available

**Toxicity to Above-Ground Organisms** 

No data available

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Toxicity to microorganisms

Alkarylamine EC 50 (Sludge, 0.1 d): > 100 mg/l

**Persistence and Degradability** 

Biodegradation

Alkarylamine OECD TG 301 B, 1 %, 28 d, Not readily degradable.

**Bioaccumulative Potential** 

**Bioconcentration Factor (BCF)** 

No data available

Partition Coefficient n-octanol / water (log Kow)

No data available

Mobility:

No data available

Other Adverse Effects: No data available.

## 13. Disposal considerations

**Disposal instructions:** Treatment, storage, transportation, and disposal must be in accordance

with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue

which may exhibit hazards of product.

**Contaminated Packaging:** Container packaging may exhibit hazards.

# 14. Transport information

#### DOT

Not regulated.

#### **IMDG**

Not regulated.

#### IATA

Not regulated.

## Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

None known.

Shipping descriptions may vary based on mode of transport, quantities ,temperature of the material, package size, and/or origin and destination It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.

# 15. Regulatory information

# **US Federal Regulations**

# TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

# Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### **Hazard categories**

Chronic (Delayed)

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SARA 302 Extremely Hazardous Substance SARA 304 Emergency Release Notification SARA 311/312 Hazardous Chemical SARA 313 (TRI Reporting)

This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA). For additional information please contact Lubrizol Customer Assistance: America(s): AmerLZAMCustomerAssistance@Lubrizol.com; Europe: EMEAICustomerAssistance@Lubrizol.com; Asia: APCustomerAssistance@Lubrizol.com

## **US State Regulations**

#### **US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

## **Inventory Status**

Australia (AICS)

All components are in compliance with chemical notification requirements in Australia.

#### Canada (DSL/NDSL)

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

#### China (IECSC)

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

## European Union (REACh)

To obtain information on the REACH compliance status of this product, please visit Lubrizol.com/REACH, or e-mail us at REACH MSDS INQUIRIES@Lubrizol.com

#### Japan (ENCS)

All components are in compliance with the Chemical Substances Control Law of Japan.

#### Korea (ECL)

All components are in compliance in Korea.

#### New Zealand (NZIoC)

All components are in compliance with chemical notification requirements in New Zealand.

# Philippines (PICCS)

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

#### Switzerland (SWISS)

All components are in compliance with the Environmentally Hazardous Substance Ordinance in Switzerland. Lubrizol must maintain records of all imports of this product into Switzerland. Third party importers are asked to report every import to The Lubrizol PSCD Manager (Europe), Hazelwood, Derby DE56 1QN, UK.

#### Taiwan (TCSCA)

All components of this product are listed on the Taiwan inventory.

#### United States (TSCA)

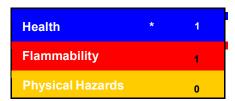
All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

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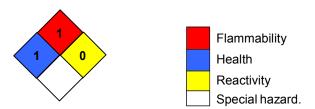
# 16.Other information, including date of preparation or last revision

#### **HMIS Hazard ID**



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

## **NFPA Hazard ID**



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

**Issue Date:** 03/07/2015

Version #: 1.0

**Source of information:** Internal company data and other publically available resources.

Further Information: Contact supplier (see Section 1)

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assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains

the responsibility of the user.

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