

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Material Name : QUIN-SYN Uses : Mixture.

Manufacturer/Supplier : Quincy Compressor

701 N. Dobson Ave. Bay Minette, AL 36507

US.

Telephone : Please contact the nearest Quincy Compressor office in US: 251.937.5900

Emergency Telephone: Only for transport emergency call Chemtrec: +1 703 527 3887 or within USA:

800 424 9300.

2. HAZARDS IDENTIFICATION

Hazard Classification

Health Hazards

Specific Target Organ Toxicity - Repeated Exposure Category 2

Unknown toxicity

Acute toxicity, oral : 0.0% Acute toxicity, dermal : 0.0%

Acute toxicity, inhalation, vapor

98.9 %

Acute toxicity, inhalation, dust or mist

98.9 %

Label Elements
Hazard Symbol



Signal Word : Warning

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

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

Special firefighting 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

: Personal Protective Equipment must be worn, see Personal Protection

Section for PPE recommendations.



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.

Skin Protection

Hand Protection : 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

Color : Colorless to yellow
Odor : No data available
Odor threshold : No data available.
pH : No data available.
Freezing point : No data available.
Boiling Point : No data available.

Flash Point : > 302 °F (150 °C) (Test method unavailable)

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

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%)

No data available.

Flammability limit - lower (%)

No data available.

Explosive limit - upper (%)

No data available.

Explosive limit - lower (%)

No data available.

Vapor pressure : No data available.

Vapor density : No data available.

Relative density : 0.838 60.1 °F (15.6 °C)

Solubility(ies)

Solubility in water : Insoluble 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.

Other information

Bulk density : 7 lb/gal

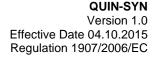
10. STABILITY AND REACTIVITY

Reactivity : No data available.

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.

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.

Aspiration Hazard

Chronic Effects

No data available

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

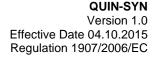
No carcinogenic components identified

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 : No data available

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

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 availableOther 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

SARA 313 (TRI Reporting)

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).

SARA 302 Extremely Hazardous Substance
SARA 304 Emergency Release Notification
SARA 311/312 Hazardous Chemical

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

Substances Ordinance in Switzerland.

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.

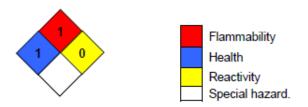
16. OTHER INFORMATION

HMIS Hazard ID :

Health	*	0
Flammability	1	
Physical Hazards	0	

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 : 04/10/2015

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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the responsibility of the user.