

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 1/9
(56388332/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

Small-Nox 64-C

Recommended use of the chemical and restriction on use

Recommended use*:

* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

Small Pack, LLC
24901 Northwestern Highway
Suite 313-B
Southfield, MI 48075 USA

Telephone: +1 248-350-2854

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASE HOTLINE: 1-248-672-4888

Other means of identification

Synonyms: Mixture of aminic and sulfur containing phenolic antioxidants

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

No need for classification according to GHS criteria for this product.

Label elements (Emergency overview)

The product does not require a hazard warning label in accordance with GHS criteria.

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 2/9
(56388332/SDS_GEN_US/EN)

Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

Emergency overview

According to Regulation 1995 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

NOTICE:

This product has no known adverse effect on human health.

3. Composition / Information on Ingredients

According to Regulation 1995 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

This product is not regarded as hazardous under 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

According to Regulation 1995 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

This product is not regarded as hazardous under current OSHA Hazard Communication standard; CFR 29 Part 1910.1200

4. First Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

If on skin:

Wash thoroughly with soap and water.

If irritation develops, seek medical attention

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or section 11.

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 3/9
(56388332/SDS_GEN_US/EN)

Further important symptoms and effects are so far not known.
Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions) no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
Carbon dioxide, dry powder, foam

Special hazards arising from the substance or mixture

Advice for fire-fighters

Protective equipment of fire-fighting:
Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

No applicable information available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Sources of ignition should be kept well clear. Avoid contact with the skin, eyes and clothing. Do not breathe vapour/spray.

Environmental precautions

Methods and material for containment and cleaning up
Pick up with inert absorbent material (e.g. sand, earth etc.). Place into approved waste containers.
Wear suitable protective equipment. Avoid release to the environment.

7. Handling and Storage

Precautions for safe handling

Handle and open container with care. Avoid vapor formation. When using do not eat, drink or smoke. Provide good ventilation of working area (local exhaust ventilation if necessary).

Protection against fire and explosion:

No physical hazards determined at this time. Handle this liquid with care and follow standard industrial practices.

Conditions for the safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Storage stability:

Storage temperature: > 0 °C

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 4/9
(56388332/SDS_GEN_US/EN)

Protect from temperatures below: 0 °C

8. Exposure Controls/Personal Protection

Advice on system design:
No applicable information available.

Personal protective equipment

Respiratory protection:
Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection:
Chemical resistant protective gloves

Eye protection:
Safety glasses with side-shields.

General safety and hygiene measures:
Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	liquid	
Odour:	charastistic	
Odour threshold:	No data available	
Colour:	yellow to brown	
pH value:		insoluble
Melting point:	0 - 5°C	
Boiling point:	> 200°C	
Sublimation point:		No applicable information availble
Flash point:	140° C	
Flammability:	not flammable	
Lower explosion limit:		For liquids not relevant for classification and labeling. The lower explosion point may be 5 - 15 C below the flash point.
Upper explosion point:		For liquids not relevant for classification and labeling
Autoignition:	370°C	
Vapor pressure:	0.001 Pa	(20°C)
Density:	1.0 g/cm3	(20°C)
Relative density:		No applicable information available.
Vapour density:		No applicable information available.
Partitioning coefficient n-octanol/water (log pow):		Study scientifically not justified
Self-ignition: temperature:		not self-ignighting
Thermal decomposition:	> 250°C	
Viscosity, dynamic:		No applicable information available.
Viscosity, kinematic:	500 - 1.100	(20 - 25° C)
% volatiles:		negligible

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 5/9
(56388332/SDS_GEN_US/EN)

Solubility in water:	sparingly soluble
Solubility in other solvents:	No applicable information available.
Solubility (qualitative):	No applicable information available.
Other Information	If necessary, information on other physical and chemical parameters is indicated in this section

10. Stability and Reactivity

Reactivity

Additional information:
No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:
Not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Hazardous reactions:
Stable under normal conditions.
No hazardous reactions known.

Conditions to avoid

Conditions to avoid:
No conditions known that should be avoided.

Incompatible materials

Substances to avoid:
Strong acids, strong bases, strong oxidizing agents

Hazardous decomposition products

Thermal decomposition:
> 250 °C

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases included include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry

Skin
Eyes
Inhalation
Ingestion

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 6/9
(56388332/SDS_GEN_US/EN)

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.

Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

Inhalation

No applicable information available.

Dermal

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

The statements are based on the properties of the individual components.

Irritation / corrosion

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes.

Skin

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from the properties of the individual components.

Eye

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization

Assessment of sensitization:

Based on the ingredients, there is no suspicion of a skin-sensitizing potential.

Species: guinea pig

Result: Non-sensitizing.

The product has not been tested. The statement has been derived from the properties of the individual components.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: No applicable information available.

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 7/9
(56388332/SDS_GEN_US/EN)

Genetic toxicity

Assessment of mutagenicity: No applicable information available.

Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity

Assessment of reproduction toxicity: No applicable information available.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Further important symptoms and effects are so far not known.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Acutely harmful for aquatic organism. May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

Assessment biodegradation and elimination (H2O)

Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential

The product contains components with potential for bioaccumulation

Mobility in soil

Assessment transport between environmental compartments

The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.

13. Disposal considerations

Waste disposal for substance:

Dispose of in accordance with local authority regulations

14. Transport information

Land transport

USDOT

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 8/9
(56388332/SDS_GEN_US/EN)

Sea transport
IMDG

Not classified as a dangerous good under transport regulations

Air Transport
IATA/ICAO

Not classified as a dangerous good under transport regulations

Not classified as a dangerous good under transport regulations

15. Regulatory Information

VOC Content:

Negligible

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Not hazardous;

State regulations

CA Prop. 65:

There are no listed chemicals in this product.
There are no listed chemicals in this product.

NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

Safety Data Sheet

Small-Nox 64-C

Revision date: 2014/02/28
Version: 1.0

Page 9/9
(56388332/SDS_GEN_US/EN)

16. Other information

WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK. END OF DATA SHEET