

Safety Data Sheet
acc. to OSHA HCS

Printing date 01/16/2015

V - 3

Reviewed on 01/16/2015

1: Identification

- **1.1 Product identifier**
- **Trade name:** VIGON® N 600 Concentrate
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Void
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Zestron America
11285 Assett Loop
Manassas, VA 20109-USA
Tel. (703) 393-9880
www.zestron.com
infousa@zestron.com
- **Information department:** Safety department
- **1.4 Emergency telephone number:** Info-Trac:(800) 535-5053

2: Hazard(s) identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Xi; Irritant

R38-41: Irritating to skin. Risk of serious damage to eyes.

- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of international guidelines.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **2.2 Label elements**

- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labeled according to the CLP regulation.
- **Hazard pictograms** GHS07
- **Signal word** Warning
- **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
- **Precautionary statements**
P280 Wear protective gloves / eye 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.
P302+P352 If on skin: Wash with plenty of water.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**
Health = 1
Fire = 0
Reactivity = 0

(Contd. on page 2)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 01/16/2015

V - 3

Reviewed on 01/16/2015

Trade name: VIGON® N 600 Concentrate

(Contd. of page 1)

- **HMIS-ratings (scale 0 - 4)**
 - Health = 1
 - Fire = 0
 - Reactivity = 0
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture: consisting of the following components.
- **Dangerous components:** Trade secret
- **SVHC** None

4: First-aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
- **4.2 Most important symptoms and effects, both acute and delayed** Void
- **4.3 Indication of any immediate medical attention and special treatment needed** Void

5: Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:**
Do not allow to penetrate the ground/soil.
Avoid to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Contd. on page 3)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 01/16/2015

V - 3

Reviewed on 01/16/2015

Trade name: VIGON® N 600 Concentrate

See Section 13 for disposal information.

(Contd. of page 2)

7: Handling and storage**· 7.1 Precautions for safe handling**

The usual precautionary measures for handling chemicals should be followed.

· Information about protection against explosions and fires:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Cool endangered receptacles with water spray.

· 7.2 Conditions for safe storage, including any incompatibilities**· Storage:**

· **Requirements to be met by storerooms and receptacles:** Provide floor trough without outlet.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

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

8: Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· 8.1 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.

· **Additional information:** The lists that were valid during the creation were used as basis.

· 8.2 Exposure controls**· Personal protective equipment:****· General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not necessary if room is well-ventilated.

· Protection of hands:

Protective gloves

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

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Tightly sealed goggles

USA

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

Printing date 01/16/2015

V - 3

Reviewed on 01/16/2015

Trade name: VIGON® N 600 Concentrate

(Contd. of page 3)

9: Physical and chemical properties**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

Form: Fluid
Color: Colorless
Clear

· Odor: Specific type

· Odour threshold: Not determined

· pH-value (10 g/l) at 20 °C (68 °F): 7.5 +/- 0.5

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 98-229 °C (208-444 °F)

· Flash point: None

· Ignition temperature: Not determined

· Decomposition temperature: None

· Auto igniting: Product is not selfigniting.

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

· Explosion limits:

Lower: Not determined
Upper: Not determined

· Vapor pressure at 20 °C (68 °F): 1.4 hPa (1 mm Hg)

· Density at 20 °C (68 °F): 0.95 +/- 0.02 g/cm³ (7.928 +/- 0.167 lbs/gal)

· Solubility in / Miscibility with

Water: Fully miscible.

· Viscosity:

Dynamic: Not determined
Kinematic: Not determined

· 9.2 Other information No further relevant information available.

10: Stability and reactivity

· 10.1 Reactivity Not determined

· 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided:

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: Store away from oxidizing agents.

· 10.6 Hazardous decomposition products:

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Nitrogen oxides (NO_x)

USA

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Printing date 01/16/2015

V - 3

Reviewed on 01/16/2015

Trade name: VIGON® N 600 Concentrate

(Contd. of page 4)

11: Toxicological information**· 11.1 Information on toxicological effects****· Acute toxicity:****· LD/LC50 values that are relevant for classification:** Not determined**· Specific symptoms in biological assay:** Not determined**· Primary irritant effect:****· on the skin:** Irritant to skin and mucous membranes.**· on the eye:** Strong irritant with the danger of severe eye injury.**· Sensitization:** No sensitizing effects known.**· Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

· Carcinogenic categories**· IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12: Ecological information**· 12.1 Toxicity****· Aquatic toxicity:** No further relevant information available.**· 12.2 Persistence and degradability** No further relevant information available.**· 12.3 Bioaccumulative potential** No further relevant information available.**· 12.4 Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Disposal must be made according to official regulations.

· 12.5 Results of PBT and vPvB assessment**· PBT:** Not applicable.**· vPvB:** Not applicable.**· 12.6 Other adverse effects** No further relevant information available.**13: Disposal considerations****· 13.1 Waste treatment methods****· Recommendation:**

Disposal must be made according to official regulations.

· Uncleaned packagings:**· Recommendation:** Disposal must be made according to official regulations.**· Recommended cleansing agent:** Water, if necessary with cleansing agents.

— USA —

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 01/16/2015

V - 3

Reviewed on 01/16/2015

Trade name: VIGON® N 600 Concentrate

(Contd. of page 5)

14: Transport information

- | | |
|---|--|
| · 14.1 UN-Number
· DOT, ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name
· DOT, ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es)
· DOT, ADR, ADN, IMDG, IATA
· Class | Void |
| · 14.4 Packing group
· DOT, ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards:
· Marine pollutant: | None
No |
| · 14.6 Special precautions for user | None |
| · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | - |

15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Sara**
- **Section 313 (Specific toxic chemical listings):**
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

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.

- **Abbreviations and acronyms:**
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
- *** Data compared to the previous version altered.**