

Name: VP 920 P
SDS Date: 11/10/2016**SECTION 1: PRODUCT AND COMPANY INFORMATION**

Product Name: VP 920 P

Supplier: ValCOOL, LLC
5230 Brittmoore Rd.
Houston, TX 77041

Telephone: (800) 244-9004
Fax: (888) 695-6449
Email: support@ValCOOL.com

In case of Emergency: CHEMTREC
1-800-424-9300

Product Description General-purpose synthetic for grinding and light machining

SECTION 2: HAZARD IDENTIFICATION**GHS Classification**

GHS07
Skin Sens. 1B - H317 - May cause an allergic skin reaction.

GHS Label

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

Hazard pictogram



GHS07

Signal word Warning

Hazard-determining components of labeling 2,2',2''-nitrilotriethanol
Octanolamine
undecanedioic acid
Poly[oxyethylene(dimehtylimino)ethylene(dimethylimino)ethylene dichloride]

Hazard Statement May cause an allergic skin reaction.

Precautionary statements

Prevention Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves

Response Wash contaminated clothing before reuse.

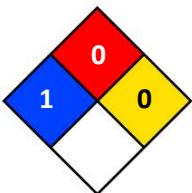
Name: VP 920 P
SDS Date: 11/10/2016

If skin irritation or rash occurs: Get medical advice/attention.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification System

NFPA ratings
(scale 0 - 4)



Health = 1
Fire = 0
Reactivity = 0

HMIS-ratings
(scale 0 - 4)

Health	1	Health = 1
Fire	0	Fire = 0
Reactivity	0	Reactivity = 0

Other hazards Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Description: Mixture of the substances listed below with nonhazardous additions.

Components/Ingredients	CAS No.	%
2,2',2''-nitrilotriethanol	102-71-6	2.5- <10%
Octanolamine	1001354-72-8	0.1- ≤2.5%
undecanedioic acid	1852-04-6	0.1- ≤2.5%
dodecanedioic acid	693-23-2	0.1- ≤2.5%
2-aminoethanol	141-43-5	1- ≤2.5%
Poly[oxyethylene(dimethylimino)ethylene(dimethylimino)ethylene dichloride]	31512-74-0	0.1- ≤2.5%

SECTION 4: FIRST AID MEASURES

Eye Contact Rinse opened eye for several minutes under running water.

Skin Contact Wash exposed area with soap and water for at least 15 minutes. Call a physician if rash or other symptoms develop. Launder clothes before reuse.

Ingestion Do not induce vomiting. Seek medical attention immediately.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Name: VP 920 P
SDS Date: 11/10/2016

ValCOOL, LLC
5230 Brittmoore Rd.
Houston, TX 77041

Information for doctor:**Most important symptoms/effects, acute and delayed**

No further relevant information available.

Description of necessary first aid measures / specific treatments

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES**Extinguishing Media**

Suitable extinguishing agents Water, Water Spray, Foam, Dry powder, Carbon Dioxide (CO2).

Special hazards arising from the substance or mixture No further relevant information available.

Special Fire Fighting Instructions

Full protective clothing and approved self-contained breathing apparatus if necessary for fire fighting personnel.

Protective equipment

No special measures required

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment & emergency procedures**

Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

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.

Name: VP 920 P
SDS Date: 11/10/2016**SECTION 7: HANDLING AND STORAGE****Handling**

Precautions for safe handling No special precautions are necessary if used correctly.

Information about protection against explosions and fires Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.

Storage

Requirements to be met by storerooms and receptacles Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.

Information about storage in one common storage facility Keep container tightly closed in a cool, well-ventilated place. Keep away from source of ignition.

Further information about storage conditions

Specific end use(s) No further relevant information available.**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION****Additional information about design of technical systems** - No further data; see item 7.**Control parameters**

Components with limit values that require monitoring at the workplace

2,2',2''-nitrilotriethanol	102-71-6
TLV	Long-term value: 5 mg/m ³
2-aminoethanol	141-43-5
PEL	Long-term value: 6 mg/m ³ , 3 ppm
REL	Short-term value: 15 mg/m ³ , 6 ppm
	Long-term value: 8 mg/m ³ , 3 ppm
TLV	Short-term value: 15 mg/m ³ , 6 ppm
	Long-term value: 7.5 mg/m ³ , 3 ppm

Additional information The lists that were valid during the creation were used as basis

Exposure controls**Personal protective equipment**

General protective and hygienic measures Wash hands before breaks and at the end of work.

Name: VP 920 P
SDS Date: 11/10/2016

Eye / Face Protection Goggles recommended during refilling.

Hand Protection



Protective Gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. When contact is likely wear chemical resistant gloves and boots. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

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 cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

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

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, use a NIOSH/MSHA approved air purifying respirator with an organic/amine vapor cartridge when airborne concentrations are expected to exceed exposure limits. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations.

Respiratory protection must be provided in accordance with current local regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Liquid
Color	Light yellow
Odor	Amine-like
Specific Gravity at 20°C (68°F)	1.2 g/cm ³ (10.014 lbs/gal)
Density	N.D.
Evaporation rate	Not determined.
Flash Point	Not applicable.
Ignition Temperature	305 °C (581 °F)
Auto-ignition Temperature	Does not ignite.
Danger of explosion	No Danger

Name: VP 920 P
SDS Date: 11/10/2016

Boiling Point / Range	< 100 °C (< 212 °F)
pH- Value at 20 °C (68 °F)	9.5
Solubility in Water	Soluble
Viscosity	
Kinematic	Not determined.
Organic solvents	8.0 %
VOC content	8.0 %
	(Neat): 150.2 g/L (Working Solution): 15 g/L
Solids content	1.5 %
Other information	No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No further relevant information available
Chemical Stability	
Thermal decomposition Conditions to Avoid	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known
Conditions to Avoid	No further relevant information available
Incompatibility with other Materials	Do not mix with oxidizers
Hazardous decomposition materials	Carbon Dioxide and Carbon Monoxide and various unidentified organic hydrocarbons

SECTION 11: TOXICOLOGICAL INFORMATION**Acute toxicity****Primary irritant effect**

Eye Contact	Product is classified as moderately irritating to the eyes.
Skin Contact	This product is not expected to be toxic in contact with the skin.
Sensitization	Product is classified as moderately irritating to the skin.

Name: VP 920 P
SDS Date: 11/10/2016

ValCOOL, LLC
5230 Brittmoore Rd.
Houston, TX 77041

Additional toxicological information

Carcinogenic categories

IARC (International Agency for Research on Cancer)	102-71-6 2,2',2''-nitrilotriethanol	3
NTP (National Toxicology Program)	None of the ingredients is listed.	
OSHA-Ca (Occupational Safety & Health Administration)	None of the ingredients is listed.	

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity	No further relevant information available
Persistence and degradability	No further relevant information available

Behavior in environmental systems

Bioaccumulative potential	No further relevant information available
Mobility in soil	No further relevant information available

Additional ecological information

General notes	
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Other adverse effects	No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
----------------	---

Uncleaned packagings

Recommendation	Disposal must be made according to official regulations.
Recommended cleansing agent	Water, if necessary with cleansing agents.

Name: VP 920 P
SDS Date: 11/10/2016**SECTION 14: TRANSPORT INFORMATION****DOT Classification**

UN number	Not Regulated
UN proper shipping name	Not Regulated
Transport hazard class(es)	Not Regulated
Packing group	Not Regulated

Environmental Hazards	Not applicable.
------------------------------	-----------------

Special precautions for user	Not applicable.
-------------------------------------	-----------------

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
--	-----------------

UN "Model Regulation"	Not Regulated
------------------------------	---------------

SECTION 15: REGULATORY INFORMATION**Sara**

Section 355 (extremely hazardous substances)	None of the ingredients is listed.
--	------------------------------------

Section 313 (Specific toxic chemical listings)	None of the ingredients is listed.
--	------------------------------------

TSCA (Toxic Substances Control Act)

102-71-6	2,2',2''-nitrilotriethanol
1001354-72-8	Octanolamine
1852-04-6	undecanedioic acid
693-23-2	dodecanedioic acid
141-43-5	2-aminoethanol

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.
--	------------------------------------

Name: VP 920 P
SDS Date: 11/10/2016**Carcinogenic categories****EPA**

(Environmental Protection Agency)

None of the ingredients is listed

TLV

(Threshold Limit Value established by ACGIH)

None of the ingredients is listed

NIOSH-Ca

(National Institute for Occupational Safety and Health)

None of the ingredients is listed

GHS Label

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

Hazard pictogram



GHS07

Signal word Warning

Hazard-determining components of labeling

2,2',2''-nitrilotriethanol
Octanolamine
undecanedioic acid
Poly[oxyethylene(dimehtylimino)ethylene(dimethylimino)ethylene dichloride]

Hazard Statement May cause an allergic skin reaction.

Precautionary statements

- Prevention Avoid breathing dust/fume/gas/mist/vapors/spray
Wear protective gloves
- Response Wash contaminated clothing before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
- Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations

Chemical safety assessment A Chemical Safety Assessment has not been carried out.

Name: VP 920 P
SDS Date: 11/10/2016

SECTION 16: OTHER INFORMATION

Revision Date: 11/10/2016 - 2

Abbreviations and acronyms:

DOT: US Department of Transportation
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

HMIS:

Disclaimer: The information presented herein has been compiled from sources considered to be dependable and is accurate as of the date issued. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use are beyond our control, we make no warranty regarding the accuracy of such data or its suitability for any use or for any consequence of its use. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Safe handling and use remains the responsibility of the purchaser and the purchaser has the sole responsibility to determine the suitability of the materials for any use and the manner of user contemplated. We assume no responsibility for injury to the recipient or to third persons or for any damage to any property and the recipient assumes all such risks.