

SAFETY DATA SHEET

Novaguard EHGP

According to EC No.1907/2006 (REACH) ,Annex II,as amended by EU 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: Novaguard EHGP

Registration Number : NA

Cas No : 70445-33-9, 122-99-6

Product type : Liquid

Revision No: 3

Issued Date: 13/04/2023

Revision Date: 12/08/2026

INCI Name : Ethylhexylglycerine, Phenoxyethanol

1.2 Relevant identified uses of the substance or mixture and uses advised against

Industrial Applications : Manufacturer of cosmetics

1.3 Details of the supplier of the safety data sheet

Producer/Supplier : **Novaphene Specialities Pvt. Ltd.**
810, Techno IT Park,Link Road, Eksar , Borivali (W),Mumbai
400092, Maharashtra INDIA
T: +91-7410092952 W: www.novaphene.com
E : sales@novaphene.com

1.4 Emergency telephone number

Emergency telephone number : +91-7410092952

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)
H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictogram



Signal word	Danger
Hazard statement(s) H318	Causes serious eye damage.
Precautionary statements P280	Wear protective gloves/protective clothing/eye protection/face 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.
P310	Immediately call a POISON CENTER/doctor.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Hazard statement(s)	Concentration
2-Phenoxyethanol CAS # 122-99-6 EC # 204-589-7 Index-No.# 603-098-00-9	H302 :Acute Tox. 4 H319 : Eye Irrit. 2	> 90%
Ethylhexylglycerin CAS # 70445-33-9 EC # 408-080-2 Index-No.# 603-168-00-9	Eye Dam. 1; H318 Acute Tox. 4; H332 Aquatic Chronic 3; H412	<10%

For the full text of the H-statements mentioned in the section, see Section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Remove persons affected to fresh air. Keep patient warm and at rest. Apply artificial respiration if necessary. If breathing is laboured, administer oxygen. Obtain medical attention if symptoms develop.

In case of skin contact

Remove contaminated clothing immediately and wash affected skin with soap and plenty of water. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops

In case of eye contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : Risk of serious damage to eyes.,
Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Water, Dry powder, Foam, Carbon dioxide (CO₂)

Unsuitable Extinguishing Media

No information available.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : No information available.

5.3 Advice for firefighters

Self-contained breathing apparatus to be worn if involved in fire. Water spray should be used to cool containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Put on protective clothing. Avoid contact with skin and eyes. Caution - spillages may be slippery.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses. If substance has entered a watercourse or sewer, IMMEDIATELY advise water authority.

6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acidic binder, universal binder, sawdust).

6.4 Reference to other sections

See Section: 8 (Exposure controls / PPE) & 13 (Disposal)

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice on safe handling : Handle and open container with care
Advice on protection against fire and explosion : No special protective measures against fire re-quired.
Hygiene measures : Take off all contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Store in plastic or plastic-lined containers. Keep containers tightly closed when not in use. Prevent contact with air.

Storage Temperature	< 40°C.
Storage Life	Two years
Incompatible materials	Strong oxidising agents. Strong bases. Aluminium, Copper, Zinc, Galvanized iron
Other information	Take precautionary measures against static discharges.

7.3 Specific end uses

None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Component	CAS-No.	Value	Control parameters	Basis
2-Phenoxyethanol	122-99-6	Permissible exposure limit	20 ppm 110 mg/m ³	TRGS 900

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction if dusts, fumes or vapours are likely to be evolved.

Personal protective equipment

Eye/face protection

Safety spectacles/goggles. Minimum standard EN166.

Skin protection (Hand protection/ Other)

Choose body protection according to the amount and concentration of the dangerous substance at the work place

Respiratory protection

Wear suitable respiratory protective equipment if processing involves working in areas where aerosols, mists or dusts are likely to be evolved.: Full-/Half-/quarter-face masks (EN 136/140/141) with Type A filter

Other

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and after work. Wash contaminated clothing before reuse.

Control of environmental exposure

Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

a) Appearance	Nearly Clear Colourless Liquid
b) Odour	Characteristic

c) Odour Threshold (ppm)	No data available
d) pH (Value)	No data available
e) Melting point/freezing point	5 °C
f) Initial boiling point and boiling range	> 100 °C
g) Flash point	> 100 °C, ISO 2719
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available. Test not scientifically justified
k) Vapour pressure	No data available
l) Vapour density (Air = 1)	No data available
m) Relative density	~ 1.1 g/mL at 20 °C
n) Water solubility (20°C)	Slightly soluble (5%)
o) Other solubility	Miscible with alcohols and glycols
p) Partition coefficient (n-octanol/ water)	Log Pow :1.2
q) Autoignition temperature	No data available
r) Decomposition temperature	> 200°C
s) Viscosity	28 mPa.s at 20 °C
t) Explosive properties	No data available
u) Oxidizing properties	No data available

Particle characteristics

Median particle size : No data available

Other information

No data available

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

Alcohol reactions

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

May form peroxides in contact with air or oxygen

Conditions to avoid

Temperatures > 40°C

Incompatible materials

Strong oxidizing agents, Strong bases, Aluminium, Copper, Zinc

Hazardous decomposition products

Peroxides

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity****Substances**

2-Phenoxyethanol:

Acute oral toxicity LD50 (Rat): 1850 mg/kg, Harmful if swallowed
 Acute inhalation toxicity (Rat): 8 h, An LC50/ inhalation could not be determined because no mortality of rats was observed at the maximum achievable concentration.
 Acute dermal toxicity LD50: > 2000 mg/kg, Based on available data, the classification criteria are not met.

3-(2-ethylhexyloxy)propane-1,2-diol:

Acute oral toxicity LD50 (Rat): > 2000 mg/kg, OECD Test Guideline 401, Based on available data, the classification criteria are not met.
 Acute inhalation toxicity LC50 (Rat): 3,07 mg/l, OECD Test Guideline 403, Harmful if inhaled.
 Acute dermal toxicity LD50 (Rat): > 2000 mg/kg, OECD Test Guideline 402, Based on available data, the classification criteria are not met.

Skin corrosion/irritation**Components:****2-Phenoxyethanol:**

Rabbit, OECD Test Guideline 404, No skin irritation

3-(2-ethylhexyloxy)propane-1,2-diol:

OECD Test Guideline 404, slight irritation, Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation**Components:****2-Phenoxyethanol:**

Rabbit, Causes serious eye irritation., OECD Test Guideline 405

3-(2-ethylhexyloxy)propane-1,2-diol:

OECD Test Guideline 405, Risk of serious damage to eyes., concentrate

Respiratory or skin sensitisation**Components:****2-Phenoxyethanol:**

Did not cause sensitisation on laboratory animals. Maximisation Test, Guinea pig, OECD Test Guideline 406

3-(2-ethylhexyloxy)propane-1,2-diol:

Did not cause sensitisation on laboratory animals. OECD Test Guideline 406

Germ cell mutagenicity**Components:****2-Phenoxyethanol:**

Germ cell mutagenicity- Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

3-(2-ethylhexyloxy)propane-1,2-diol:

Genotoxicity in vitro : OECD Test Guideline 471, Not mutagenic in Ames Test
 Genotoxicity in vivo : OECD 474, Micronucleus test: not mutagenic

Carcinogenicity**Components:****2-Phenoxyethanol:**

Carcinogenicity - Assessment : No data available

Reproductive toxicity**Components:****2-Phenoxyethanol:**

Reproductive toxicity - Assessment : Animal testing did not show any effects on fertility.

3-(2-ethylhexyloxy)propane-1,2-diol:

Effects on foetal development : Rat, Oral, NOAEL: 800 mg/kg, OECD Test Guideline 414, Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure**Components:****2-Phenoxyethanol:**

Based on available data, the classification criteria are not met. Specific target organ toxicity

Specific target organ toxicity (STOT) - repeated exposure**Components:****2-Phenoxyethanol:**

No data available

Repeated dose toxicity**Components:****2-Phenoxyethanol:**

Rat, NOAEL : 400 mg/kg, Oral, Based on available data, the classification criteria are not met.

3-(2-ethylhexyloxy)propane-1,2-diol:

Rat, NOAEL : 100 mg/kg, Oral, 28-day, OECD Test Guideline 407, Based on available data, the classification criteria are not met.

Rat, NOAEL : 50 mg/kg, Oral, 90-day

Aspiration toxicity

No data available

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Toxicity to fish (96hrs)**

LC50 : > 100 mg/l (Golden Orfe)(2-Phenoxyethanol)

LC50 : 60,2 mg/l (Brachidanio rerio) (3-(2-ethylhexyloxy)propane-1,2-diol)

Toxicity to daphnia magna (48hrs)

EC50 > 500 mg/l (2-Phenoxyethanol)

EC50 (Daphnia magna): 78,3 mg/l, 48 h (3-(2-ethylhexyloxy)propane-1,2-diol)

Toxicity to algae (72hrs)

EC50 : > 500 mg/l, (Desmodesmus sub.) (2-Phenoxyethanol)

IC50 (Desmodesmus subspicatus (green algae)): 48,3 mg/l, 72 h (3-(2-ethylhexyloxy)-propane-1,2-diol)

12.2 Persistence and degradability**Components:****2-Phenoxyethanol:**

90 - 100 %, Exposure time: 15 d, OECD Test

Guideline 301A, According to the results of tests of biodegradability this product is considered as being readily biodegradable.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Novaphene, shall not be held liable for any damage resulting from handling or from contact with the above product.