

SAFETY DATA SHEETIn accordance with Regulation (EU) 2015/830 (REACH),
Annex IIRevision date:
June 2018**SECTION 1 : Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture

Name of product : HYALPOL MOISTURE PLUS

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

Relevant identified uses

Main use category : Cosmetics application

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier

: WOOSUNG CNT CO., LTD.

Street address/P.O. Box

: #B-712, 30, Songdomirae-ro, Yeonsu-gu, Incheon-city, Korea

Country ID/Postcode/Place

: 21990

Telephone number

: Tel. +82 32 552 3544 Fax. +82 32 552 3568

e-mail address of competent person responsible for the SDS

: okwoosung@hanmail.net

1.4. EMERGENCY TELEPHONE NUMBER :

Emergency Telephone number

: +82 32 552 3544

Opening hours

: Not available

Other comments

: Not available

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture according to Regulation(EC) No. 1272/2008 [CLP/GHS]**

2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

: Not classified

2.1.2. Additional information

: Not available

2.2 Label elements

Hazard pictograms

: Not applicable

Signal word

: Not applicable

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Hazard statement

: Not applicable

Additional precautionary statements

: Not applicable

2.3 Other hazards

: Not available

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

The product consists of following substances :

CAS No.	EC No.	REACH Registration No.	% [weight]	Name	Common Name (Synonyms)	Classification according to Regulation(EC) No 1278/2008(CLP)
7732-18-5	231-791-2	Not available	98	Water	Not available	Not classified
-	-	Not available	≤1	Sodium Hyaluronate Crosspolymer	Not available	Not classified
622-08-2	210-719-3	Not available	0.9	Benzyl Glycol	2-benzyloxyethanol	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
70445-33-9	408-080-2	01- 0000015745- 65-0001	0.1	Ethylhexylglycerin	3-(2- ethylhexyloxy)propane-1,2-diol	Eye Dam. 1, H318 Aquatic Chronic 3, H412

Full text of H-statements: see section 16

SECTION 4 : FIRST AID MEASURES

4.1. Description of first aid measures

General notes : Not available

Following inhalation

: Bring the victim outdoors.

Following skin contact

: Wash abundantly by water as a safety precaution.

Following eye contact

: Rinse eyes by water as a safety precaution.

Following ingestion

: Rinse itself the mouth by water.

Self-protection of the first aider : Not available

4.2. Most important symptoms and effects, both acute and delayed

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Acute effects

: To our knowledge, the chemical, physical and toxicological properties were not completely studied.

Delayed effects

: To our knowledge, the chemical, physical and toxicological properties were not completely studied.

4.3. Indication of any immediate medical attention and special treatment needed

: Unavailable data

SECTION 5 : FIRE-FIGHTING MEASURES**5.1. Extinguishing media :**

Suitable extinguishing media

: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

: Not available

5.2. Special hazards arising from the substance or mixture : None**5.3. Advice for fire-fighters : None****5.4 Additional information : None****SECTION 6 : ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

Protective equipment : Not available

Emergency procedures

: Avoid dust formation. Avoid breathing vapors, mist or gas.

For emergency responders

: Avoid dust formation. Avoid breathing vapors, mist or gas.

6.2. Environmental precautions

: Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

For containment

: Keep in suitable, closed containers for disposal.

For cleaning up

: Sweep up and shovel

Other information : Not available

6.4. Reference to other sections

: See also sections 8 and 13 of the Safety Data Sheet.

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

Protective measures : Not available

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Measures to prevent fire : Not available

Measures to prevent aerosol and dust generation

: Provide appropriate exhaust ventilation at places where dust is formed.

Measures to protect the environment : Not available

Advice on general occupational hygiene : Not available

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

: Keep container tightly closed in a dry and well-ventilated place.

Packaging materials

: Not available

Requirements for storage rooms and vessels

: Keep container tightly closed in a dry and well-ventilated place.

Further information on storage conditions : Not available

7.3. Specific end use(s)

Recommendations : Not available

Industrial sector specific solutions : Not available

SECTION 8 : EXPOSURE CONTROLS/PERSONNAL PROTECTION

8.1. Control parameters

Name	Korea regulation	ACGIH regulation	Biological exposure index	OSHA regulation	NIOSH regulation	EU regulation
Water	Not applicable	Not applicable	Not available	Not applicable	Not applicable	Not applicable
Sodium Hyaluronate Crosspolymer	Not available	Not available	Not available	Not available	Not available	Not available
Benzyl Glycol	Not applicable	Not applicable	Not available	Not applicable	Not applicable	Not applicable
Ethylhexylglycerin	Not applicable	Not applicable	Not available	Not applicable	Not applicable	Not applicable

For non-emergency personnel

: Does not contain substances with exposure limit values professional.

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Substance/mixture related measures to prevent exposure during identified uses

: General practices of industrial hygiene

Structural measures to prevent exposure

: General practices of industrial hygiene

Organisational measures to prevent exposure

: Not available

Technical measures to prevent exposure

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: Not available

8.2.2 Personal protective equipment: Not available

Respiratory protection

: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Other skin protection

: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

: General industrial hygiene practice.

8.2.3 Environmental exposure controls:

Substance/mixture related measures to prevent exposure : Not available

Instruction measures to prevent exposure : Not available

Organisational measures to prevent exposure : Not available

Technical measures to prevent exposure : Not available

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical State	: Gel
Appearance	: Clear to Slightly opaque gel
Odor	: Characteristic slight odor
Odour threshold	: No information available
pH(25°C)	: 7.5 ± 1.5
Melting point/freezing point	: No information available
Boiling point	: No information available
Flash point	: No information available
Density	: No information available
Evaporation rate	: No information available
Flammability (solid, gas)	: No information available
Upper flammability limits	: No information available
Lower flammability limit	: No information available
Vapor pressure	: No information available

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Vapor density	: No information available
Specific gravity	: No information available
Water solubility	: No information available
Solubility in other solvents	: No information available
Partition coefficient	: No information available
Autoignition temperature	: No information available
Decomposition temperature	: No information available
Kinematic viscosity	: No information available
Explosive properties	: No information available
Oxidizing properties	: No information available
Molecular weight	: No information available

SECTION 10 : STABILITY AND REACTIVITY

- 10.1. Reactivity** : No data
- 10.2. Chemical stability** : Stable under recommended storage conditions.
- 10.3. Possibility of hazardous reactions** : no known reaction
- 10.4. Conditions to avoid** : no data
- 10.5. Incompatible materials** : Strong oxidizing agents
- 10.6. Hazardous decomposition products**
: Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

SECTION 11. TOXICOLOGICAL INFORMATION

- 11.1. Acute toxicity** : no data available
- 11.2. Skin corrosion/irritation** : no data available
- 11.3. Serious eye damage/eye irritation** : no data available
- 11.4. Respiratory or skin sensitization** : no data available
- 11.5. Germ cell mutagenicity** : no data available
- 11.6. Carcinogenicity** : no data available
- 11.7. Reproductive toxicity** : no data available
- 11.8. Teratogenicity** : no data available
- 11.9. STOT (single or repeated exposure)** : no data available
- 11.10. Aspiration hazard** : no data available
- 11.11. Potential health effects**
- | | |
|------------|---------------------|
| Inhalation | : no data available |
| Ingestion | : no data available |
| Skin | : no data available |
| Eyes | : no data available |

11.12. Signs and Symptoms of Exposure

: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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- 12.1. Toxicity** : No data available
- 12.2. Persistence et degradability** : Biodegradable product.
- 12.3. Bio accumulative potential** : Biodegradable product.
- 12.4. Mobility in soil** : No data available
- 12.5. Results of PBT and vPvB assessment** : No data available
- 12.6. Other adverse effects** : No data available

SECTION 13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Product/Packaging disposal

- Offer surplus and non-recyclable solutions to a licensed disposal company.
- Dispose of as unused product.

Waste codes / Waste designation according to LoW(2015)

: 070699

Sewage disposal-relevant information: Not available

Other disposal recommendations: Not available

SECTION 14. TRANSPORT INFORMATION

- 14.1 UN Number** : Not applicable
- 14.2 UN Proper shipping name** : Not applicable
- 14.3 Transport Hazard class** : Not applicable
- Land transport (ADR/RID)** : Not dangerous goods
 - Inland waterway transport (ADN)** : Not dangerous goods
 - Sea transport (IMDG)** : Not dangerous goods
 - Air transport (ICAO-TI / IATA-DGR)** : Not dangerous goods
- 14.4 Packing group** : Not applicable
- 14.5 Environmental hazards** : Not applicable
- 14.6 Special precautions for user**
- in case of fire** : Not applicable
 - in case of leakage** : Not applicable
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not Available

SECTION 15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations**

EU classification : Not regulated

Authorisations and/or restrictions on use: Not regulated

Authorisations: Not regulated

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: Unavailable data

SECTION 16. OTHER INFORMATION**16.1 Indication of changes**

Date Updated : June 11, 2018

Version : 1.1

16.2 Abbreviations and acronyms

ACGIH = American Conference of Government Industrial Hygienists

CLP = Classification Labelling Packaging Regulation ; Regulation (EC) No 1272/2008

CAS No. = Chemical Abstracts Service number

DMEL = Derived Minimal Effect Levels

DNEL = Derived No Effect Level

EC Number = EINECS and ELINCS Number (see also EINECS and ELINCS)

EU = European Union

IARC = International Agency for Research on Cancer

ISHL = Industrial Safety & Health Law

NIOSH = National Institute for Occupational Safety & Health

NTP = National Toxicology Program

OSHA = European Agency for Safety and Health at work

PBT = Persistent, Bioaccumulative and Toxic substance

PNEC(s) = Predicted No Effect Concentration(s)

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation
(EC) No 453/2010

STP = Sewage Treatment Plant

SVHC = Substances of Very High Concern

vPvB = Very Persistent and Very Bioaccumulative

UN = United Nations

MARPOL = International Convention for the Prevention of Pollution from Ships (IMO)

IBC = Intermediate Bulk Container

CERCLA = Comprehensive Environmental Response, Compensation & Liability Act (US)

EPCRA = Emergency Planning and Community Right-to-Know Act (US)

EINECS = European Inventory of Existing Commercial chemical Substances

ELINCS = European List of Notified Chemical Substances

16.3 Key literature reference and sources for data :

U.S. National library of Medicine (NLM) Hazardous Substances Data Bank (HSDB)

LookChem; <http://www.lookchem.com/>IUCLID: International Uniform Chemical Information Database(IUCLID); <http://esis.jrc.ec.europa.eu/>

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CHRIP(Cheical Risk Information Platform)

EPISUITE v4.11; <http://www.epa.gov/opt/exposure/pubs/episuitedl.html>

ECOTOX: <http://cfpub.epa.gov/ecotox/>

International Chemical Safety Cards (ICSC): <http://www.nihs.go.jp/ICSC/>

National Chemical Information System (<http://ncis.nier.go.kr>)

Korea Dangerous Material Inventory Management System (<http://hazmat.mpss.kfi.or.kr/index.do>)

REACH information on registered substances; <https://echa.europa.eu/information-on-chemicals/registered-substances>

EU CLP; <https://echa.europa.eu/information-on-chemicals/cl-inventory-database>

NIOSH Pocket Guide; <http://www.cdc.gov/niosh/npg/npgdcas.html>

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans; <http://monographs.iarc.fr>

National Toxicology Program; <https://ntp.niehs.nih.gov/>

TOMES-LOLI®; <http://www.rightanswerknowledge.com/loginRA.asp>

UN Recommendations on the transport of dangerous goods 17th

American Conference of Governmental Industrial Hygienists TLVs and BEIs

16.4 Classification and procedure used to derive the classification for mixtures according to Regulation(EC) 1272/2008(CLP)

: Not classified

16.5 Relevant H-statements: Not applicable**16.6 Training advice**

: Do not handle until all safety precautions have been read and understood.

16.7 Further information

This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation, as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the SDS supersedes all previous versions.

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.

*** END OF SAFETY DATA SHEET ***