

MATERIAL SAFETY DATA SHEET

GGSil HYDRO

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Chemical Name: GGSIL HYDRO
Chemical Name: Amino functional micro silicone emulsion
Formula: N/A
Hazard Classification: None
Shipping Name: None
Use of the substance Textile auxiliaries
Manufacturer/Supplier: GGchem Kimya ve Tekstil Tic. San. Ltd. Sti.
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SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: Amino functional polyether silicone
CAS No. 63148 – 62 – 9
Product doesn't contain aryl amine, alkylphenoethoxylate(APEO), azo compounds, pentachlorophenol.

SECTION 3 – HAZARDOUS INGREDIENTS

Classification Regulation(EC) No 1272/2008
Acute Effects Acute toxicity, category 4 (oral) harmful if swallowed
Eyes Category 1 Causes serious eye damage
Skin may cause slight irritation
Inhalation Not expected
Ingestion Ingestion may cause GI tract irritation,
Chronic Effects No known chronic effects
Carcinogenicity No components have been listed as carcinogenic



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**SECTION 4 – EMERGENCY AND FIRST AID PROCEDURES**

H302	Harmful if swallowed
H318	Causes serious eye damage
P264	Washface, hands and any exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves, clothes, eye protection, face protection
P301,P312	If swallowed, call poison center or doctor/physician if you feel unwell
P330	Rinse mounth
General Advise	If you feel unwell, seek medical advise (show the label where possible). Take off all contaminated clothing immediately
If inhaled	Remove from exposure, lie down, if breathing is irregular or stopped, administer artificial respiration, monitor breathing, give oxygen if necessary. Consult a physician.
In case of skin contact	Wash off immediately with plenty of water. Consult a physician if necessary
In case of eye contact	Rinse thoroughly with plenty of water at least 15 minutes and consult a physician.
If swallowed	Consult a physician. Don't induce vomiting without medical advice. Never give anything by month to an unconscious person

SECTION 5 – FIRE AND EXPLOSION

Extinguished media	Water spray, Dry powder, Foam, Carbondioxide(CO2)
Specific hazards durning fire fighting	Dangerous gases or fumes may occure in case of fire
Special protective Equipment	Wear self contained breathing apparatus for fighting if necessary
Further information	Standard procedure for chemical fires
Flash Point	>200 F
Auto-Ignition Temperature	NA
Explosion	Not known

SECTION 6 – ACCIDENTIAL RELEASE MEASURES

Direct contact	Avoid direct contact with eyes and skin
Skin Absorbtion	Skin absorbtion not known to occur
Chronic Effects of Overexposure	None known to occur
Other Health Hazards	None known

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**SECTION 7 – REACTIVE DATA**

Stability	Stable
Incompatibility	None known
(Material to avoid)	
Hazardous Combustion /	None known
Decomposition products	
Hazardous Polymerization	Will not occur
Conditions to Avoid	None known

SECTION 8 – EXPOSURE CONTROLS /PERSONAL PROTECTION

General Information	There is no need engineering measures
Respiratory Protection	No personal respiratory protective equipment normally required
Ventilation	As necessary to reduce/prevent/control splashing and aerosol generation
Protective Gloves	Rubber/Polyethen
Eye Protection	Safety glasses / Mono- goggles
Other protective Equipment	No special requirements
Comments	Never eat, drink or smoke in work areas, practice good personal hygiene after using this material, especially eating, drinking, smoking, using toilet, or applying cosmetics.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Appearance	Opac liquid
pH	6,5 +/- 1
Rex Ind	37 +/- 1
Odor	Characteristic
Solubility in water	Soluble
%VOC	No VOC content
%HAP	No HAP content
% Nitrogen	N/A
Boiling point	212 F
Freezing point	<32 F
Vapor density (Air=1)	NE
Vapor Pressure(mmHg)	NE
Specific gravity (@25 C)	NE

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SECTION 10 – SPILL OR LEAK PROCEDURES

Dike and absorb spill with inert material (kitty litter, etc.) and transfer to suitable container for disposal. Disposal depends on local requirements. Be sure all Federal, State and Local regulations are followed subsequent to disposal

SECTION 11 – SPECIAL PRECAUTIONS IN HANDLING AND STORING

No special precautions are required other than those recommended to preserve activity

Handling	<i>When handling all chemicals. Observe good standards of industrial hygiene to avoid swallowing, and eye contact, prevent formation of dust</i>
Storage	<i>Keep only original container in well-ventilated place away from excess and cool keep container tightly closed. Storage life is 6 months in original package from production data</i>

SECTION 12 – TOXICOLOGICAL AND ECOLOGICAL INFORMATION

Toxicity Data	<i>LD50(oral,rat) >2000 mg/kg (rat) LC50(inhalation) Not determined</i>
Carcinogenicity Data	<i>No components have been listed as carcinogenic</i>
Reproductive Effects	<i>Not known to cause reproductive effects</i>
Mutagenic Data	<i>Not known to cause mtagenic effects</i>
Teratogenic Data	<i>Not known to cause teratogenic effects</i>
PBDE Contents	<i>0%</i>
AOX Cautions	<i>Product does not contain any organic bonded halogens which causes Increase of the AOX value of the media</i>

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State and Local regulations. This product, if unaltered by use, may be disposed of by treatment at permitted facility or as advised by local hazardous waste regulatory authority.

Residue from fires extinguished with material may be hazardous

Committed packaging: Pay attention to local and national official regulations

SECTION 14 – TRANSPORT

This chemical is not dangerous according to national and international regulation of hazardous goods transport

Road transport ADR/RDI (cross border)

ADR/RID Class: -

Shipping transport IMDG

IMDG Class: -

Airway transport ICAO-TI IATA-DGR

ICAO / IATA Class: -

Transport/ More info Not dangerous according to regulations shown above

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SECTION 15 – REGULATORY INFORMATION

Classification for EC Principles: *This product is not dangerous and in compliance with EC principles under suggested usage*

S.A.R.A. 311/312 **Acute: No Chronic: No Reactivity: No Pressure: No Fire: No**

S.A.R.A. 313 **No component listed under section 313 above deminimis limit**

S.A.R.A. 302 (EHS) **No components listed under Section 302**

CERCLA **No components are listed under CERCLA**

T.S.C.A. **All components are listed in the T.S.C.A Inventory**

California Prop 65 **No component listed under California Prop 65**

R/S Phrases **R Phrases None**

S Phrases S39

SECTION 16 – OTHER INFORMATION

GGCHEM PRODUCTS HAS PROVIDED THE INFORMATION IN THIS MSDS IN GOOD FAITH, BUT WE MAKE NO REPRESENTATION TO ITS COMPREHENSIVENESS AND/OR ACCURACY. IT IS THE USERS RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY, AND SUITABILITY FOR HIS OR HER OWN USE OF THE PRODUCT DESCRIBED. SINCE THE ACTUAL USE BY OTHERS IS BEYOND OUR CONTROL, NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, IS MADE GGCHEM PRODUCTS. GGCHEM PRODUCTS NOT BE RESPONSIBLE FOR DAMAGE RESULTING FROM THE USE OR RELIANCE UPON THIS INFORMATION. THE USERS ASSUMES ALL RISK AND RESPONSIBILITIES

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