



Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

- 1.1 PRODUCT NAME:** HYGT CCT 0815  
CAS NUMBER: Mixture
- 1.2 PRODUCT USE:** Polyxilosane mineral and natural
- 1.3 SUPPLIER/MANUFACTURER'S NAME:** HYGT CHEMICAL LLC  
ADDRESS: 324 N. Taylor Rd, Mcallen, TX 78501 US  
BUSINESS PHONE: +1(956) 821-7725  
WEB SITE: www.hygtchemical.com
- 1.4 EMERGENCY PHONE:** +1(956) 821-7725

## SECTION 2 - HAZARDS IDENTIFICATION

### 2.1 Classification of the mixture

This product does not meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC, 2015/830/EU and subsequent Directives.

**Component(s) Contributing to Classification(s)**

None applicable

### 2.2 GHS Label elements, including precautionary statements

**Pictogram(s):**

None applicable

**Signal Word:**

None applicable

**GHS Hazard Classification(s):**

Not Classified

**Hazard Statement(s):**

None applicable

**Prevention Statement(s):**

None applicable

**Response Statement(s):**

None applicable

**Storage Statement(s):**

None applicable

**Disposal Statement(s):**

None applicable

### 2.3 Other Hazards

None applicable.

## SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

### 3.2 Mixtures

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	Index #	WT %	GHS CLASSIFICATION
All ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

**Additional Information:** See SECTION 16 for full classification phrases.

## SECTION 4 - FIRST-AID MEASURES

### 4.1 Description of first aid measures

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN CONTACT:** Seek medical attention if irritation develops and persists.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** Not expected to be an ingestion hazard under normal use and conditions. Seek medical advice if you feel unwell.

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

None known

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None Known

#### 4.3 Indication of immediate medical attention and special treatment needed

Treat symptoms and reduce over-exposure.

### SECTION 5 - FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

As appropriate for surrounding fire. Use water, dry chemical, or CO<sub>2</sub>. Use water to cool fire-exposed containers.

#### 5.2 Specific hazards arising from the chemical

None anticipated.

Explosion Sensitivity to Mechanical Impact:

Not Sensitive.

Explosion Sensitivity to Static Discharge:

Not Sensitive.

Minimum Ignition Energy (M.I.E.):

No Data at this time

#### 5.4 Special firefighting Procedure

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Use appropriate respirator when ventilation is inadequate and use personal protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards.

#### 6.2 Environmental precautions

Do not let product enter drains, do not allow to sewers/surface or ground water. See Section 12, Ecological information.

#### 6.3 Methods and material for containment and cleaning up

Pick up released product with appropriate implements & return to original container if reusable, or dispose. Wet material may be slippery. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

### SECTION 7 - HANDLING and STORAGE

#### 7.1 Precautions for safe handling

Follow good handling and housekeeping practices. Avoid spills. Clean up spills while product is still moist to prevent dust and accumulations of dust, or generation of airborne dust. After handling, wash thoroughly with soap and water.

#### 7.2 Conditions for safe storage, including any incompatibilities

Product can be rewet with a fine water mist to prevent dust. Store in sealed containers in a clean, dry, well-ventilated area.

#### 7.3 Specific end uses

See section 1.2.

### SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

#### 8.1 Control parameters

**EXPOSURE LIMITS/GUIDELINES:** No data available for this product.

#### 8.2 Exposure Controls

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

**VENTILATION AND ENGINEERING CONTROLS:** Ensure adequate ventilation.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**RESPIRATORY PROTECTION:** If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Safety glasses are recommended. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.

**HAND PROTECTION:** Use of protective gloves as are recommended to minimize skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

**BODY PROTECTION:** Use body protection as necessary to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>PHYSICAL STATE:</b>	Thick liquid
<b>APPEARANCE &amp; ODOR:</b>	Dark brown to black
<b>ODOR THRESHOLD (PPM):</b>	Not Available
<b>pH:</b>	In solution to 10% aqueous solution: 5-8
<b>MELTING / FREEZING POINT (C°):</b>	Not Applicable
<b>BOILING POINT (C°):</b>	Not Applicable
<b>FLASH POINT:</b>	Non-Flammable
<b>EVAPORATION RATE (nBuAc = 1):</b>	Not Applicable
<b>FLAMMABILITY (solid, gas):</b>	Not Applicable
<b>FLAMMABLE LIMITS (in air by volume, %):</b>	Not Applicable
<b>VAPOR PRESSURE (mmHg):</b>	Not Applicable
<b>VAPOR DENSITY (AIR=1):</b>	Not Applicable
<b>RELATIVE DENSITY</b>	Not Available
<b>SOLUBILITY IN WATER (%)</b>	Soluble
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER:</b>	Not Applicable
<b>AUTOIGNITION TEMPERATURE:</b>	Not Applicable
<b>DECOMPOSITION TEMPERATURE:</b>	Not Applicable
<b>VISCOSITY:</b>	Not Applicable
<b>EXPLOSIVE PROPERTIES:</b>	Not Applicable
<b>OXIDISING PROPERTIES:</b>	Not Applicable
<b>9.2 Other Information</b>	Not Applicable

## SECTION 10 - STABILITY and REACTIVITY

**10.1 Reactivity:** None known.

**10.2 Chemical Stability:** Product is stable

**10.3 Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid:** None known.

**10.5 Incompatible materials:** No data available.

**10.6 Hazardous Decomposition Products:** Thermal decomposition (burning) may produce Sulphur acid fumes – irritants.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects

**TOXICITY DATA:** There is no available data for the product.

## 11.1.2 Mixtures

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Based on available data, the classification criteria are not met
Serious eye damage / irritation	Based on available data, the classification criteria are not met
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

### Other Information

**SUSPECTED CANCER AGENT:** None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these agencies.

**IRRITANCY OF PRODUCT:** May cause skin irritation with long term exposure. May cause eye irritation with direct contact.

**SENSITIZATION OF PRODUCT:** This product is not considered a sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** No information concerning the effects of this product and its components on the human reproductive system.

## SECTION 12 - ECOLOGICAL INFORMATION

### 12.1 Toxicity

A study evaluated the acute toxicity of the material, HYGT CCT 0815, and the leachate of soil samples treated with HYGT CCT 0815 to Rainbow trout, Daphnia Magna and Microtox.

For the actual concentration of HYGT CCT 0815 to be used in the field, and the leachate water for all tests proved to be non-toxic.

### 12.2 Persistence and degradability

100% biodegradable.

### 12.3 Bioaccumulative potential

No specific data available on this product.

### 12.4 Mobility in soil

No specific data available on this product.

### 12.5 Results of PBT and vPvB assessment

No specific data available on this product.

### 12.6 Other adverse effects

No specific data available on this product.

### 12.7 Water endangerment class

Not believed to be water endangering in accordance with EU Guideline 91/155-EWG. At present there are no ecotoxicological assessments for this product.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

## SECTION 14 - TRANSPORTATION INFORMATION

### US DOT; IATA; IMO; ADR:

**THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.**

**PROPER SHIPPING NAME:** Non-Regulated Material

**HAZARD CLASS NUMBER and DESCRIPTION:** Not Applicable

**UN IDENTIFICATION NUMBER:** Not Applicable

**PACKING GROUP:** Not Applicable.

**DOT LABEL(S) REQUIRED:** Not Applicable

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004):** Not Applicable

**MARINE POLLUTANT:** None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:**

This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

**TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:**

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

**INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):**

This product is not classified as Dangerous Goods, by rules of IATA:

**INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:**

This product is not classified as Dangerous Goods by the International Maritime Organization.

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):**

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

## SECTION 15 - REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **UNITED STATES REGULATIONS**

**SARA REPORTING REQUIREMENTS:** This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

**TSCA:** None of components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

**SARA 311/312:**

Acute Health: No      Chronic Health: No      Fire: No      Reactivity: No

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):**

CERCLA Reportable Quantity (RQ), None.

**CLEAN WATER ACT:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

**STATE REGULATIONS:** None.

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** None of the ingredients are on the California Proposition 65 lists.

#### **CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:** All of the components of this product are on the DSL Inventory

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** This product is categorized as a Not Controlled Product, as per the Controlled Product Regulations .

#### **EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

**EU LABELING AND CLASSIFICATION:**

Classification of the mixture according to Regulation (EC) No 1272/2008. See section 2 for details.

#### **AUSTRALIAN INFORMATION FOR PRODUCT:**

**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:** All components of this product are listed on the AICS or Exempt.

**STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS:** Not applicable.

#### **JAPANESE INFORMATION FOR PRODUCT:**

**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

## INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed or Exempt
Australian Inventory of Chemical Substances (AICS):	Listed or Exempt
Korean Existing Chemicals List (ECL):	Listed or Exempt
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed or Exempt
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed or Exempt
Swiss Giftlist of Toxic Substances:	Listed or Exempt
U.S. TSCA:	Listed

## 15.2 Chemical safety assessment

A chemical safety assessment for this product has not been performed.

## SECTION 16 - OTHER INFORMATION

### HMIS Rating (Scale 0-4)

Health hazard: 0  
Flammability: 0  
Physical Hazard: 0

### NFPA Rating (Scale 0-4)

Health hazard: 0  
Flammability: 0  
Physical Hazard: 0

### Caution: HMIS and NFPA ratings are based on a 0-4 rating scale

0= Minimal Hazard

1= Slight

2= Moderate

3= High

4= Extreme

### Abbreviations and acronyms

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CFR</b>	Code of Federal Regulations
<b>DOT</b>	Federal Department of Transportation
<b>GHS</b>	The Globally Harmonized System of Classification and Labelling of Chemicals
<b>HMIS</b>	Hazardous Material Identification System
<b>HCS</b>	Hazard Communication Standard
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	The International Air Transport Association
<b>ICAO</b>	The International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>IMO</b>	International Maritime Organization
<b>LD50/LC50</b>	Lethal Concentration/Dose, 50 percent
<b>NFPA</b>	National Fire Protection Association
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health
<b>PEL</b>	OSHA Permissible Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act
<b>TLV</b>	ACGIH Threshold Limit Value
<b>TWA</b>	Time-Weighted Average

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MSDS to GHS Compliance

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- Document creation.

**END OF SDS**