

Cygnnet Select Dye Liquid

Safety Data Sheet

Cygnnet Enterprises, Inc.
1860 Bagwell Street, Flint, MI 48503
<http://www.cygnnetenterprises.com>
Phone: 1-800-359-7531

SECTION 1: IDENTIFICATION

Product Trade Name: CYGNET SELECT DYE LIQUID
Synonyms: Acid Blue Dyestuff
Chemical Family: Acid Dyestuffs

Date: 01-01-2018

MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:

COMPANY NAME: Cygnnet Enterprises, Inc.
COMPANY ADDRESS: 1860 Bagwell Street,
Flint, Michigan 48503
COMPANY TELEPHONE: Office hours (Mon - Fri)
9:00 am to 5:00 pm
(800) 359-7531
COMPANY CONTACT NAME: Main Office
EMERGENCY PHONE NUMBER: Poison Control 800-222-1222

SECTION 2: HAZARD(S) IDENTIFICATION

CLASSIFICATION: Not classified under GHS.

LABELING

HAZARD PICTOGRAM(S): Not Applicable
SIGNAL WORD: Not Applicable
HAZARD STATEMENTS: Not Applicable
PRECAUTIONARY STATEMENTS: Not Applicable

OTHER HAZARDS: Dermal contact may discolor the skin due to dye characteristics.

See Section 11 for toxicological information.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CONC. (WT %)</u>	<u>EC NO.</u>	<u>CAS NO.</u>
No GHS/OSHA Hazard	100	Mixture	Proprietary

SECTION 4: FIRST-AID MEASURES

GENERAL: If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.
EYE CONTACT: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.
SKIN CONTACT: Wash the affected area thoroughly with plenty of soap and water. Get medical attention if symptoms occur.
INHALATION: If affected, remove to fresh air. Get medical attention if symptoms occur.
INGESTION: Get medical attention if symptoms occur.

PROTECTION OF FIRST AID RESPONDERS: Wear proper personal protective clothing and equipment.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED: Irritation, Skin discoloration due to dye. Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use water spray, ABC dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

SPECIAL HAZARDS ARISING FROM THE CHEMICAL:

UNUSUAL FIRE/EXPLOSION HAZARDS:

Product is not considered a fire hazard, but will burn if ignited. Closed container may rupture (due to build up in pressure) when exposed to extreme heat. Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See section 10 (10.6 Hazardous decomposition products) for additional information.

HAZARDOUS COMBUSTION PRODUCTS:

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

See section 9 for additional information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

See Section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate. Eliminate ignition sources.

ENVIRONMENTAL PRECAUTIONS: Do not flush product into public sewer, water systems or surface waters.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Contain by diking with sand, earth or other non-combustible material. Wear proper personal protective clothing and equipment. Absorb spill with an inert material. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and laundry before reuse.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

As with any chemical product, use good laboratory/workplace procedures. Do not cut, puncture, or weld on or near the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Provide eyewash fountains and safety showers in the work area.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES:

Store cool and dry, under well-ventilated conditions. Store this material away from incompatible substances (see section 10). Do not allow product to freeze. Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Protect from light. Empty container contains residual product which may exhibit hazards of product. Do not reuse empty container without commercial cleaning or reconditioning.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substance with occupational exposure limit values

APPROPRIATE ENGINEERING CONTROLS:

Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

PERSONAL PROTECTIVE EQUIPMENT:

SKIN/BODY PROTECTION:	Wear protective gloves. Use good laboratory/workplace procedures including personal protective clothing: labcoat, safety glasses and protective gloves.
RESPIRATORY PROTECTION:	Respiratory protection is not needed with proper ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
EYE PROTECTION:	Safety goggles
SKIN PROTECTION:	Handle with gloves. Gloves must be inspected prior to use. Use proper gloves.
HYGIENE MEASURES:	Handle in accordance with good industrial hygiene and safety practices. Wash hands after handling material.
FURTHER INFORMATION:	Eyewash fountains and safety showers are recommended in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Viscous liquid
APPEARANCE:	Blue
ODOR:	None
ODOR THRESHOLD:	Not Available
PH:	3.5-4.5
RELATIVE DENSITY:	1.16
PARTITION COEFFICIENT (NOCTANOL/WATER):	Not Available
% VOLATILE BY WEIGHT:	>50%
SOLUBILITY IN WATER:	Soluble
EVAPORATION RATE:	Similar to water
VOC:	Not Applicable
BOILING POINT °C/ °F:	100°C (212°F)
VAPOR PRESSURE:	Not Available
VAPOR DENSITY:	Similar to water
VISCOSITY:	Not Available
MELTING POINT/FREEZING POINT:	Not Available
OXIDISING PROPERTIES:	Not oxidizing
FLASH POINT:	>93 °C (>200 °F)
AUTOIGNITION TEMPERATURE:	Not Available
FLAMMABILITY (SOLID, GAS):	Not Applicable (liquid)
FLAMMABILITY OR EXPLOSIVE LIMITS:	LFL/LEL Not Available UFL/UEL Not Available
EXPLOSIVE PROPERTIES:	Not explosive
DECOMPOSITION TEMPERATURE:	Not Available
OTHER INFORMATION:	Amounts specified are typical and do not represent a specification.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	None known.
CHEMICAL STABILITY:	This product is stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Hazardous polymerization will not occur.
CONDITIONS TO AVOID:	Excessive heat and ignition sources. Do not freeze.
INCOMPATIBLE MATERIALS:	Avoid oxidizing agents and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	After water is evaporated, decomposition or combustion of the dry solids may generate irritating vapors, CO, CO ₂ , oxides of nitrogen, and oxides of sulfur.

SECTION 11: TOXICOLOGICAL INFORMATION

GENERAL:	Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.
EYES:	May cause eye irritation.
SKIN:	Repeated or prolonged skin contact may cause irritation.
INHALATION:	High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes.
INGESTION:	Ingestion may cause irritation.
ACUTE TOXICITY INFORMATION:	Not classified (based on available data, the classification criteria are not met). ATEmix (oral): >5000 mg/kg. ATEmix (dermal): >5000 mg/kg.
SKIN CORROSION/IRRITATION:	Not classified (based on available data, the classification criteria are not met).
SERIOUS EYE DAMAGE/IRRITATION:	Not classified (based on available data, the classification criteria are not met).
RESPIRATORY OR SKIN SENSITIZATION:	Not classified (based on available data, the classification criteria are not met).
CARCINOGENICITY:	Not classified.
GERM CELL MUTAGENICITY:	Not classified.
REPRODUCTIVE TOXICITY:	Not classified.
SPECIFIC TARGET ORGAN TOXICITY (STOT)	
- SINGLE EXPOSURE:	Not classified.
- REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	Not classified.
OTHER TOXICITY INFORMATION:	No additional information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Freshwater Fish Toxicity: The acute LC50 is >100 mg/L based on component data.
PERSISTENCE AND DEGRADABILITY:	Biodegradation: Expected to biodegrade.
BIOACCUMULATIVE POTENTIAL:	Not expected to bioaccumulate.
MOBILITY IN SOIL:	No specific information available.
OTHER ADVERSE EFFECTS:	No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:

Dispose of unused contents (incineration) in accordance with national and local regulations. Dispose of container in accordance with national and local regulations. Ensure the use of properly authorized waste management companies, where appropriate.

See Section 8 for recommendations on the use of personal protective equipment.

SECTION 14: TRANSPORTATION AND SHIPPING INFORMATION

The information below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions.

UN NUMBER:	N/A
UN PROPER SHIPPING NAME:	Not regulated - See Bill of Lading for Details

TRANSPORT HAZARD CLASS(ES):

U.S. DOT HAZARD CLASS:	N/A
CANADA TDG HAZARD CLASS:	N/A
EUROPE ADR/RID HAZARD CLASS:	N/A
IMDG CODE (OCEAN) HAZARD CLASS:	N/A
ICAO/IATA (AIR) HAZARD CLASS:	N/A

A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation.

PACKING GROUP:	N/A
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ENVIRONMENTAL HAZARDS:

MARINE POLLUTANT:	Not Applicable
HAZARDOUS SUBSTANCE (USA):	Not Applicable

SPECIAL PRECAUTIONS FOR USER:	Not Applicable
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TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:	Not Applicable
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SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENT REGULATIONS/LEGISLATION SPECIFIC FOR THE PRODUCT:

JAPAN REGULATIONS:

JAPAN INDUSTRIAL SAFETY AND HEALTH LAW:	No subject chemicals.
JAPAN FIRE SERVICE LAW:	No subject chemicals.
JAPAN POISONOUS AND DELETERIOUS SUBSTANCES:	No subject chemicals.
JAPAN PREVENTION OF MARINE POLLUTION AND DISASTER:	No subject chemicals.

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KOREAN REGULATIONS:

KOREA INDUSTRIAL SAFETY AND HEALTH ACT: No subject chemicals.
KOREA TOXIC CHEMICALS CLASSIFICATION ACT: No subject chemicals.
KOREA SAFETY CONTROL OF DANGEROUS SUBSTANCES ACT: No subject chemicals.
KOREA WASTE MANAGEMENT ACT: Waste disposal methods must comply with local and national laws.

OTHER REGULATIONS: No Additional Information

CHEMICAL INVENTORIES:

<u>REGULATION</u>	<u>STATUS</u>
Australian Inventory of Chemical Substances (AICS):	Y
Canadian Domestic Substances List (DSL):	Y
Canadian Non-Domestic Substances List (NDSL):	N
China Inventory of Existing Chemical Substances (IECSC):	Y
European Inventory of Existing Chemical Substances (EINECS):	Y
European List of Notified Chemical Substances (ELINCS):	N
<u>REGULATION</u>	<u>STATUS</u>
Japan Existing and New Chemical Substances (ENCS):	Y
Korean Existing and Evaluated Chemical Substances (KECL):	Y
New Zealand Inventory of Chemicals (NZIoC):	Y
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Y
Taiwan Inventory of Existing Chemicals:	Y
U.S. Toxic Substances Control Act (TSCA):	Y

A "Y" listing indicates all intentionally added components are either listed or are otherwise compliant with the regulation. A "N" listing indicates that for one or more components: 1) there is no listing on the public inventory; 2) no information is available; or 3) the component has not been reviewed. A "Y" for New Zealand may mean that a qualified group standard may exist for the components in this product.

SECTION 16: OTHER INFORMATION

N/A

The above information is given in good faith, and is based upon research of others, and is believed to be accurate by Cygnnet Enterprises, Inc.. No known relevant information has been omitted. The above information is designed to enable the User to use the product safely, and is provided solely for the User's assistance in complying with the Occupational Safety and Health Act of 1970, and the regulations there under. Any other use is prohibited. Cygnnet Enterprises, Inc. assumes no responsibility or liability for any loss, injury, or damage, which may occur from the use or misuse of their products. Also, because actual use by others is beyond our control, no guarantee or warranty, is either expressed or implied, by Cygnnet Enterprises, Inc., as to the product or its use or misuse. Where the Customer has concerns, it is recommended that the Customer(s) perform their own tests.