

SAFETY DATA SHEET

Hawco Products Ltd. H355 Emulsi Regular

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name H335 Emulsi Regular

Date of Safety Data Sheet: May 29, 2017

Use of Substance/Preparation and Restrictions:

Recommended Use: Solvent Cleaner
Uses Advised Against: No information available

SDS Supplier Details: Company Identification:

Hawco Products Ltd.
61 Shaver Street, PO Box 1507
Brantford, Ontario N3T 5V6

Company Emergency Telephone Number Emergency Phone: 519-759-2443

2. HAZARDS IDENTIFICATION

Classification:

This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CER 1910.1200) and WHMIS 2015.

GHS Label Elements, including precautionary statement:

Emergency Overview:

The product contains substances which at given concentrations, are considered to be hazardous to health.

Appearance: Clear

Physical State: Liquid

Odour: Solvent

Signal Word (GHS):

Danger

Hazard Pictograms (GHS):



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Hazard Statements (GHS):

H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H351: Suspected of causing cancers if inhaled.
H361: Suspected of damaging fertility or the unborn child.
H372: Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary Statements (GHS) - Prevention:

P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flame and other ignition sources. No smoking.
P243: Take precautionary measures against static discharge.
P260: Do not breathe mist.
P264: Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (GHS) - Response:

P301+P311+ P330: IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340+P312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P337 + P313: If eye irritation persists: Get medical advice/ attention.

Precautionary Statements (GHS) - Storage:

P403+P233+P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Precautionary Statements (GHS) - Disposal:

P501: Dispose of contents/ container in accordance with local, regional, national, territorial, provincial, and international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical

Ingredient	CAS#	% by Wt	Classification
Xylene	1330-20-7	40-70	*
Mineral Spirits	64742-48-9	15-40	*

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* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures:

Eye Contact:	Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. If skin irritation persists, get medical attention.
Inhalation:	Remove to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Get medical attention.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.
Most Important symptoms and effects, both acute and delayed:	Skin irritation. Serious eye irritation. May cause respiratory irritation. May cause drowsiness and dizziness. Ingestion may cause nausea, vomiting and diarrhea. May cause damage to lungs, brain and central nervous system through prolonged or repeated exposure via inhalation. May be fatal if swallowed and enters airways. Suspected of damaging fertility or the unborn child.
Indication of immediate medical attention and special treatment needed:	Treat symptomatically.
General Information:	Wash contaminated clothing before reuse.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water fog, CO ₂ , extinguishing powder, foam.
Unsuitable Extinguishing Media	Do not use a heavy water stream as it may scatter and spread the fire.
Specific Exposure Hazards	Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Closed containers may rupture when exposed to extreme heat. Air oxidation of this product may cause it to spontaneous combust. To avoid spontaneous combustion, prevent residue build-up and soak soiled rags, spray booth filter and overspray in a closed water filled metal container. Do not pressurize, cut, weld, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition as the container may explode.
Hazardous Combustion Products	None known
<u>Explosion Data:</u>	
Sensitivity to Mechanical Impact:	None.
Sensitivity to Static Discharge:	Static discharge, impact, friction, and heat may ignite exposed chemical material.
Special safety equipment:	Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures: Use personal protective equipment. Remove all sources of ignition.

Environmental Precautions:

Environmental Precautions: Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up:

Method for Containment: Contain any spills with inert absorbent to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately with inert absorbent and dispose of waste safely.

Procedures for Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

Procedures for Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Reference to Other Sections: See Heading 8. Exposure Controls and Personal Protection.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handling: Use appropriate personal protection equipment (PPE).
Avoid inhalation, skin and eye contact.
Ensure good ventilation/exhaustion at the workplace.
Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Closed containers may rupture when exposed to extreme heat. Air oxidation of this product may cause it to spontaneous combust. To avoid spontaneous combustion, prevent residue build-up and soak soiled rags, spray booth filter and overspray in a closed water filled metal container. Do not pressurize, cut, weld, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition as the container may explode.

Information about fire and explosion protection: Keep respiratory protective device available.
No special measures required.

Conditions for safe storage, including any incompatibilities:

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Requirements to be met by storerooms and receptacles: Store in a cool location.
Avoid storage near extreme heat or sources of ignition.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well-ventilated area.
Keep container tightly sealed.

Specific end use(s): If exposure exceeds occupational limits (TLV value) wear air purifying respirator.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters: No TLV data available on product.

Appropriate Engineering Controls:

Engineering Measures Use only in well ventilated areas. Exhaust ventilation if used indoors on a continuous basis.

Individual Protection Measures:

Eye protection: Safety goggles.

Skin protection: Use body-covering impervious clothing.

Hand protection: Chemical resistant gloves.

Respiratory protection: If exposure cannot be controlled below applicable limits, use approved NIOSH aspirator.

Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure Guidelines:

Xylene CAS # 1330-20-7: USA ACGIH (TWA) 100 ppm (8 hours)
USA ACGIH (STEL) 150 ppm (8 hours)
USA OSHA (PEL) 100 ppm (8 hours)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odour	Solvent
Appearance	Clear	Odour Threshold	No information available.
Colour	Water White.		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
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pH	Not applicable	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	No data available	None known
Flash Point	27 C estimated	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Flammable	None known
Flammability Limit in Air:		
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	0.87 g/cm ³	
Water Solubility	Insoluble	None known
Solubility Other Solvents	No data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity:	Avoid contact with incompatibles.
Chemical Stability:	Stable at normal conditions of usage.
Possibility of Hazardous Reactions:	Will not occur.
Hazardous Polymerization:	Does not occur.
Conditions to avoid:	Avoid ignition sources, heat, sparks, open flame, direct sunlight, extremely high or low temperatures.
Incompatible materials:	Strong oxidizers
Hazardous Decomposition Products:	CO, CO ₂ , Hydrocarbons
Thermal Decomposition / Conditions to be avoided:	Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information

Inhalation

Inhalation of mist can cause drowsiness, damage to lungs, brain and central nervous system.

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Eye Contact Direct contact causes irritation. May cause corneal injury.
Skin Contact May cause irritation, Prolonged or repeated contact may cause irritation, drying and cracking.
Ingestion Harmful if swallowed. Will cause abdominal discomfort, nausea, vomiting and diarrhea. May be fatal if swallowed and enters airways.

Component Information:

Chemical Name	Oral LD50	Inhalation LC50
Xylene	4300 ppm	6500 mg/kg 8 hours

Information on Toxicological Effects:

Symptoms None known

Delayed/Immediate/Chronic Effects from short and long-term exposure:

Sensitization	None known
Mutagenic Effects	None known
Carcinogenicity	Ethylbenzene and coconut diethanilamide are classified as carcinogenic by IARC (Group 2B) and ACGIH (Category A3). Suspected of damaging the unborn child. Xylene may cause fetotoxic effects (e.g. reduced fetal weight, delayed ossification, behavioral effects) at doses which are not maternally toxic, based on animal data.
Reproductive Toxicity	None known
STOT- Single Exposure	None known
STOT Repeated exposure	None known
Chronic Toxicity	None known
Target Organ Effects	None Known
Numerical Measures of Toxicity (based on GHS Chapter 3.1)	Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified
Persistence and Degradability:	No information available
Bioaccumulative Potential:	No information available
Mobility in Soil:	No information available
Other Adverse Effects:	No information available
Other Information:	Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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Disposal Methods

This material, as supplied, is a hazardous waste according to Federal regulations (40 CFR 261). It is the responsibility of the waste generator to determine the proper waster identification and disposal method. Consult the appropriate state, provincial, regional, or local regulations for additional requirements.

Contaminated Packaging: Ecology – Waste Materials:

Dispose of contents/containers in accordance with local regulations.
Avoid release to the environment.

14. TRANSPORT INFORMATION

Canadian TDG (Road & Rail): Regulated Material

Proper Shipping Name:Petroleum Distallates N.O.S.

Contains: Xylene and Mineral Spirits

Hazard Class: 3

ID Number: UN 1268

Packing Group: III



U.S. Department of Transportation (DOT): Regulated Material

Proper Shipping Name:Petroleum Distallates N.O.S.

Contains: Xylene and Mineral Spirits

Hazard Class: 3

ID Number: UN 1268

Packing Group: III



Water Transportation (IMDG): Regulated Material

Proper Shipping Name:Petroleum Distallates N.O.S.

Contains: Xylene and Mineral Spirits

Hazard Class: 3

ID Number: UN 1268

Packing Group: III



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15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

HMIS III Rating

Health: 3 Serious Hazard

Flammability: 3 Serious Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical department.

Issuing Date: May 29, 2017

Revision Date: None.

Revision Note: None.

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

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Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet