

Section 1- Identification

Product Name: HEAVY DUTY CLEANER FC305

Product Use: Deep cleaning or wax and acrylic floor finish removal.

Non-recommended use(s): N/A

Manufacturer: FCS Solutions Ltd.

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Emergency spills: CANUTEC: 613-996-6666 / Emergency contact number in Canada & USA

Section 2- HAZARD(S) IDENTIFICATION

Hazard Classification: D-2B Eye irritant This product is a clear amber liquid. Contains glycols.

Signal words: CAUTION



Hazard Statements:

Eyes: May cause mild to moderate irritation.

Skin: May cause mild irritation.

Skin absorption: Prolonged or repeated exposure can cause irritation and drying.

Ingestion: May cause nausea, vomiting and gastrointestinal irritation.

Inhalation: Mist may cause mild nasal irritation.

Product under Health Canada rules for Consumer Chemicals and Containers Regulations 2001 of the Hazardous Products Act

General Precautionary Statements: Read the Technical Data Sheet and all security and precautionary measures before usage. This product is a clear light amber liquid and with low odor. On contact, it is an eye irritant. Breathing mist may be an irritant for the respiratory system. If swallowed, it can be toxic and cause vomiting and headaches.

Prevention: MAY IRRITATE EYES Keep out of reach of children. Do not get in eyes. Do not get on skin or clothing. Do not drink. Wearing of gloves, safety glasses and long sleeve clothing is recommended.

Emergency Overview: FIRST AID TREATMENT Contains glycols. If swallowed, call a Poison Control Centre or a doctor immediately. Do not induce vomiting. Drink 3 to 4 glasses of water. If in eyes, rinse with water for 20 minutes with eye lids open. If on skin, rinse well with water.

Section 3- COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Percent</u>
Monophelnic ethylene glycol ether	122-99-6	5-10%
Coconut amide	61791-32-9	5-10%
Xylene sodium Sulfonate	1300-72-7	1-5%

Section 4- First aid measures

Eye: Immediately flush with warm running water for 20 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Skin: Immediately flush exposed area with mild soap and water for at least 15 minutes. If irritation persists or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

Inhalation: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do Not Induce Vomiting. If the person is fully conscious, rinse mouth with water and drink 3 to 4 glasses of water to dilute. Obtain medical attention immediately. Never give anything by mouth if the victim is unconscious, is rapidly losing consciousness or is convulsing.

Section 5- Fire Fighting Measures

Flammability: Not flammable.

Flash Point: (oF, oC, PMCC) None.

Auto-ignition Temperature: (oF, oC): Not applicable.

Flame propagation or Burning Rate of Solid Materials: Not applicable.

Sensitivity to static discharge: Not applicable.

Sensitivity to Mechanical Impact: Not applicable.

Extinguishing Media: Water fog, alcohol foam and dry chemical.

Unusual Fire and Explosion Hazards: None.

Hazardous Decomposition Products: Oxides of carbon and nitrogen.

Section 6- Accidental Release Measures

Personal precautions

Use personal protective equipment. Including but not limiting: safety glasses, rubber or neoprene gloves and long sleeve clothing.

Keep people away from and upwind of spill and/or leak.

Material can create slippery conditions.

Environmental conditions

Prevent large spills from entering sewers or waterways.

Methods for cleaning-up

Observe all personal protection equipment recommendations. Ventilate area if odor is unaccommodating.

Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (e.g. sand, earth, litter absorbent) and placed in suitable, covered, labeled containers. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal.

Section 7- Handling and Storage

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not inhale vapors.

Storage

Keep Out Of Reach Of Children.

Storage temperature: 10 – 25°C (50 – 80°F)

Keep away from freezing. Product should be stored in a cool, dry place, away from sun light exposure and incompatible materials.

In optimal storage conditions, product shelf life in un-opened bottle is 2 – 3 years from production date.

In optimal storage conditions, product shelf life of remaining content once bottle was opened is a maximum of 2 years from production date.

Section 8- EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

<u>Ingredient</u>	<u>Regulations</u>	<u>Value</u>
N/A		

Exposure Controls

Engineering controls: General ventilation is usually adequate.

Other protective clothing or equipment: Eye bath, Safety shower, Full protective clothing.

Work Hygienic practices: The usual precaution for the handling of chemicals must be observed.

Individual protective measures

Eye protection: Wear safety glasses or full-face shield.

Hand protection: Wear rubber or nitrile gloves.

Skin protection: Wear long sleeve clothing.

Respiratory protection: Normally not required if good ventilation is maintained. Avoid breathing vapor and/or mist.

Section 9- PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Clear amber

Odor: Low Solubility in water: Soluble (100% in water)

Boiling point: 100oC / 212oF

Freezing point: < -3oC PH: 9 – 9.5

Density: 1.01 – 1.02 VOC content (g/l): 0 g/l

Section 10- STABILITY AND REACTIVITY

Hazardous reactions: none known.

Stable Conditions to avoid: Contact with strong acids and oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon oxides CO and CO₂. Nitrogen oxides.

Section 11- TOXICOLOGICAL INFORMATION**Prolonged / Repeated Exposure:**

Eye: May cause irritation to the eyes.

Skin: May cause drying and mild irritation.

Inhalation: Is not likely to cause respiratory irritation upon contact.

Ingestion: May cause nausea, cramps, vomiting and gastrointestinal irritation.

Carcinogenicity: Non-Hazardous by WHMIS – OSHA criteria. Not listed by IARC, NTP or ACGIH

Teratogenicity, Mutagenicity, Reproductive effects: No known effects.

Monophelnic ethylene glycol ether

Toxicity – oral: DL50: > 1400 - 4000 mg/kg (Rat)

Toxicity – dermal: DL50: > 2000 mg/kg (Lapin)

Toxicity – inhalation: N/A

Coconut amide

Toxicity – oral: DL50: > 12500 mg/kg (Rat)

Toxicity – dermal: N/A

Toxicity – inhalation: N/A

Xylene sodium Sulfonate

Toxicity – oral: DL50: 5989 mg/kg (Rat)

Toxicity - dermal: N/A

Toxicity - inhalation: N/A

Section 12- ECOLOGICAL INFORMATION

Ecotoxicity: LC50 (96hr, fish) >344 mg/L (rainbow trout).
LC50 (96hr, Invertebrate) >500 mg/L (daphnia magna).
LC50 (96hr, Alga) >500 mg/L .

Persistence and Biodegradability: All components are readily biodegradable as per OECD 301E.

Bioaccumulative Potential: N/A

Other Adverse Effects: None known.

Section 13- DISPOSAL CONSIDERATIONS

Review federal, provincial, state or local government requirements prior to disposal.

Environmental precautions:

CAUTION Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Section 14- Transport Information

UN Number: NOT CLASSIFIED AS DANGEROUS GOODS UN

Proper shipping name:

Hazard class:

Packing Group:

U.S. Department of Transportation (Road or rail): Not Regulated.

Canadian T.D.G.: Not Regulated **IMO Water Transportation:** Not Regulated.

IATA Air Transportation: Not Regulated.

Shipping containers:

Polyethylene drums Polyethylene pails and bottles

Section 15- Regulatory Information

WHMIS: Class D – Division 2B

Environmental Regulations Lists:

SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.

Toxic Substance Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory.

Canadian Non-Domestic Substance List (NDSL): All ingredients are listed.

California Proposition 65: This product is not known to contain any chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

Section 16- Other information

Date of preparation: April, 6 2021

Version: 1.0

Prepared by: FCS Solutions Ltd.

Other Information Disclaimer:

As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.