

Section 1- Identification

Product Name: Anti-Slip Floor Treatment FC 1115

Product Use: Create a slip resistant surface on full body porcelain and granite surfaces

Non-recommended use(s): Not to be used on ceramic, marble and other calcareous or natural stones

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 E- Corrosive

This product is a clear liquid. Contains acids and salts.

Signal words: CAUTION CORROSIVE



Hazard Statements:

Eyes: May cause severe irritation and burns.

Skin: May cause mild irritation.

Non Corrosive to Skin: (as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Material Regulations, Canada's WHMIS regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals, Number 404 Skin absorption: Prolonged or repeated exposure can cause irritation and drying.

Ingestion: Can be harmful if ingested. May cause nausea, vomiting and gastrointestinal irritation.

Inhalation: Vapors and mist may cause moderate to severe nasal irritation. Product under Health Canada rules for Consumer Chemicals and Containers Regulations 2001 of the Hazardous Products Act.

Precautionary Statements:

Prevention: CAUSES BURNS DANGEROUS FUMES FORM WHEN MIXED WITH OTHER PRODUCTS. DO NOT MIX WITH strong alkaline products such as degreasing cleaners and wax removers. Do not swallow. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Handle with care. Keep out of reach of children. Wearing of gloves, safety glasses and long sleeve clothing is recommended. .

Emergency Overview: **FIRST AID TREATMENT**

Contains acid salts. If swallowed, call a Poison Control Centre or 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. If on clothes, remove clothes. If breathed in, move person to fresh air.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS#	Percent
Organic salts	HMIRC registration number 7715	30 – 50%
Organic salts	506-89-8	5 – 10%

SECTION 4 – FIRST AID MEASURES

Eye: Immediately flush with warm running water for 30 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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical assistance.

Ingestion: Do Not Induce Vomiting. If the person is fully conscious, rinse mouth with water and drink large quantities 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.

Note: If the body is exposed internally to the product, notwithstanding issues associated with acute effects, there are no bio-accumulative results and the chemicals are eliminated through urine.

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.

Unusual Fire and Explosion Hazards: None

Extinguishing Media: Water spray, carbon dioxide and dry chemical.

Special Fire Fighting Procedures: Evacuate personnel to safe area. Keep containers cool with water spray. Avoid breathing decomposition products. Wear self-contained breathing apparatus and full body protection.

Hazardous Decomposition Products: Thermal decomposition may yield but not limited to oxides of carbon and nitrogen. Hydrogen gas may be released upon contact with certain metals.

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

Ingredients	Regulation	Value
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

Odor: Mild acid

Solubility in water: Soluble (100% in water)

Boiling point: 100oC / 212oF

Freezing point: < -20oC

PH: > 0

Density: 1.04

VOC content (g/l): 0 g/l

SECTION 10 – STABILITY AND REACTIVITY

Hazardous reactions: none known. Stable up to 110°C / 230°F

Conditions to avoid: Heating above 110°C results in exothermic decomposition with release of CO₂ gas. Contact with strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon oxides CO and CO₂. Nitrogen oxides. Hydrogen, hydrofluoric acid and certain metalloid fluorides may be released upon contact with certain metals.

SECTION 11 – TOXICOLOGICAL INFORMATION**Prolonged / Repeated Exposure:**

Eye: May cause severe irritation and burns upon contact.

Skin: May cause drying, defatting and dermatitis.

Acute skin irritation / corrosion test: This product was found to be not corrosive to the skin after 4 hours of direct skin contact.

Inhalation: Is likely to cause respiratory irritation upon contact.

Ingestion: May be harmful if ingested. 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 data available.

Toxicity - oral: LD 50 (rat) > 678 mg/kg

Toxicity - dermal: N/A

Toxicity - inhalation: N/A

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: N/A.

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

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

Canadian T.D.G.:

IMO Water Transportation

IATA Air Transportation

UN Number: 1760

UN Proper shipping name: Corrosive liquid N.O.S.

Contains acid salts Hazard class: 8 Packing Group: III Heated transportation required if needed. Keep from freezing.

Shipping containers:

Polyethylene drums

Polyethylene pails and bottles

SECTION 15 – REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHIMS Classification: Class E, D –2B CORROSIVE

Note: This material is corrosive to Aluminum only. Non corrosive to skin and soft metal.

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Act).

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.

SECTION 16 – OTHER INFORMATION

Date of preparation: April 13, 2021

Version: 1.0

Prepared by: FCS Solution Ltd.

Other Information Disclaimer:



Anti-Slip Floor Treatment

Safety Data Sheet.

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.