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Safety Data Sheet

according to HPR, Schedule 1

1 Identification

- **Product name:** TF700 Instant Traction Floor Conditioner
- **Other means of identification (Article number):** 2412277001
- **Recommended use:**
Floor cleaner
Floor Finish
- **Restrictions on use:** All other uses than those indicated on the product label and technical data sheet
- **Uses advised against:** All other uses than those indicated on the product label and technical data sheet.
- **Manufacturer:**
Avmor LTD
950, Michelin
Laval, QC, H7L 5C1
Canada
1-800-387-8074
www.avmor.com
- **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard identification

- **Classification of the product as sold:**
Skin Irrit. 2 H315 Causes skin irritation.
Eye Dam. 1 H318 Causes serious eye damage.
Repr. 1 H360 May damage fertility or the unborn child.

- **Label elements**
- **Hazard pictograms:**



GHS05 GHS08

- **Signal word:** Danger
- **Hazard statements:**
Causes skin irritation.
Causes serious eye damage.
May damage fertility or the unborn child.
- **Precautionary statements:**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTER or a doctor.

Call a POISON CENTER or a doctor if you feel unwell.

Specific treatment (see on this label).

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents and container in accordance with local, regional and national regulations.

• **Classification system**• **NFPA ratings (scale 0 - 4):**

Health = 2

Fire = 1

Reactivity = 0

• **Hazard not otherwise classified:** None Known• **Notes:** For the wording of the listed abbreviations refer to section 16.• **Product AT USE DILUTION:** N/A**3 Composition/Information on ingredients**• **Chemical characterization:** Mixtures• **Description:**• **Components:**

1341-49-7	Ammonium Hydrogen Difluoride	1-5%
111-76-2	2-butoxyethanol	1-5%
97-99-4	tetrahydro-2-furylmethanol	0.1-1.0%

• **Additional information:** Any concentration shown as a range is to protect confidentiality or is due to batch variation.**4 First aid measures**• **Description of first aid measures**• **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

• **After skin contact:**

Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist.

• **After eye contact:**

Rinse opened eye for several minutes under running water. Remove contact lenses, if present and easy to do so. Continue rinsing for a minimum of 15 to 60 minutes. Then consult a doctor.

• **After ingestion:** If symptoms persist consult a doctor.• **Most important symptoms and effects, both acute and delayed:** No further relevant information available.**5 Firefighting measures**• **Suitable extinguishing media:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray.• **Specific hazards arising from the product:** No further relevant information available.

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- **Special protective equipment and precautions for fire-fighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

- **Additional information:** This product is not flammable.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**

Wear recommended protective equipment(s). Keep unprotected persons away.

- **Environmental precautions:** No special measures required.

- **Methods and material for containment and cleaning up:**

Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

- **Reference to other sections:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling:** Open and handle receptacle with care.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Conditions for safe storage, including any incompatibilities:** Keep in the original receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/ Personal protection

- **Components with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol

EL Long-term value: 20 ppm

EV Long-term value: 20 ppm

Skin

- **Exposure controls:**

- **Undiluted Product**

- **Personal protective equipment:**



Respiratory protective equipment (If applicable, see breathing equipment for more details)



Protective gloves (See Protection of Hands)



Safety glasses (See Eye protection)

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General protective and hygienic measures:

- Avoid contact with the eyes and skin.
- The usual precautionary measures for handling chemicals should be followed.
- Keep away from foodstuffs, beverages and feed.
- Store protective clothing separately.
- Pregnant women should strictly avoid inhalation or skin contact.
- Do not eat or drink while working.
- Be sure to clean skin thoroughly after work and before breaks.
- Do not store food in the working area.

Breathing equipment:

- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- If room is well-ventilated, a respirator is not needed under normal and intended conditions of product use.

Protection of hands:

- Protective Gloves
- Check protective gloves prior to each use for their proper condition

Eye protection:

- Safety glasses are suggested when using this product in heavy use and institutional environments
- Wear splash-proof chemical goggles in an industrial environment.

Body protection:

- Protective work clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. (recommended)

9 Physical and chemical properties

- Form:** Liquid
- Colour:** Blue
- Odour:** Apple.
- Odor threshold:** Not determined
- pH-Value:** 6.0 - 7.0
- Melting point/Freezing point:** Not determined
- Boiling point/Boiling range:** N/D
- Fusion temperature / range:** Not determined
- Flash point:** 93.3 °C
- Flammability (solid, gaseous):** Not applicable
- Ignition temperature:**
- Decomposition temperature:** Not determined
- Auto igniting:** Product is not selfigniting.
- Danger of explosion:** Product does not present an explosion hazard.
- Explosion limits:**
- Lower:** Not determined.
- Upper:** Not determined.
- Vapour pressure:** N/D
- Relative density (air=1):** Not determined.
- Evaporation rate:** Not determined
- Solubility in / Miscibility with Water:** Not miscible or difficult to mix.

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- **Partition coefficient (n-octanol/water):** Not determined
- **Solvent content:**
- **VOC content:** N/D

10 Stability and reactivity

- **Reactivity:** Not determined.
- **Chemical stability:** The product is stable.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

- **Information on the likely routes of exposure**
- **Numerical measures of acute toxicity:**

Components	Type	Value (Species)
Mean of exposure		
ATE (Acute Toxicity Estimate)		
Oral	LD50	2108 mg/kg
Dermal	LD50	66225 mg/kg (guinea pig)
Inhalative	LC50 (4 h)	78.7 mg/L
111-76-2 2-butoxyethanol		
Oral	LD50	1414 mg/kg (guinea pig) (OECD guideline 401) 1167 mg/kg (Mouse) 1200 mg/kg (Rat) (OECD guideline 401) 320 mg/kg (Rabbit)
Dermal	LD50	>2000 mg/kg (guinea pig)
Inhalative	LC50 (4 h)	900 mg/L (Rat)
Irritation of skin	OECD guideline 404	Cat. 2 (Rabbit)
Irritation of eyes	OECD, guideline 405	Cat. 2 (Rabbit)
97-99-4 tetrahydro-2-furymethanol		
Oral	LD50	1600 mg/kg (Rat)

- **Symptomes related to the physical, chemical and toxiological characteristics**
- **If on the skin:** Irritant to skin and mucous membranes.
- **If on the eye:**
CORROSIVE: Strong caustic effect.
Strong irritant with the danger of severe eye injury.
- **After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
- **Sensitization:** No sensitizing effects known.
- **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**
Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

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· Carcinogenic categories:

· IARC (International Agency for Research on Cancer)		
1341-49-7	Ammonium Hydrogen Difluoride	3
111-76-2	2-butoxyethanol	3
· NTP (National Toxicology Program)		
None of the ingredients is listed.		

12 Ecological information**· Persistence and degradability:**

The surfactants and organic compounds contained in this product are readily biodegradable according to the OECD 301 guideline.

· Bioaccumulative potential: Does not accumulate in organisms.

· Mobility in soil: Not determined

· Ecotoxicity: No relevant information available.

· Other adverse effects No further relevant information available.

13 Disposal considerations**· Waste treatment methods recommendation:**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authority requirements.

Dispose in accordance with all applicable federal, state, provincial and local laws and regulations. Contact your local, state, provincial or Federal environmental agency for specific rules.

· Uncleaned packagings recommendation:

Do not re-use empty containers.

Dispose of packaging according to regulations on the disposal of packagings.

· Recommended cleansing agent:

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 Transport information

Not regulated under TDG (Canada).

· UN-Number

· DOT, IMDG, IATA Not regulated.

· UN proper shipping name N/A

· DOT, IMDG, IATA Not regulated.

· Transport hazard class(es)**· DOT, IMDG, IATA**

· Class Not regulated.

· Packing group

· DOT, IMDG, IATA Not regulated.

· Special precautions for user Not applicable.

· UN "Model Regulation": Not regulated.

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15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Canadian substance listings
- Canadian Domestic Substances List (DSL) Not all the ingredients are listed

· Canadian Ingredient Disclosure list (limit 0.1%)
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None of the ingredients is listed.

· Canadian Ingredient Disclosure list (limit 1%)
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111-76-2 2-butoxyethanol

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

- **Department issuing SDS:**
Prepared by :
Regulatory Affairs Department
- **Date of preparation:** 06/28/2018 / 3