Safety Data Sheet

FINITEC TONIC

Section 1. Chemical product and company identifications

Common name: Fintec Tonic
Product code: 60429
Chemical family: Acrylic waterborne finish for wood and laminate floors.
CAS: Mixture
Synonyms: Not applicable

Supplier / Manufacturer:

Finitec Hardwood Products Inc.
150, Leon-Vachon
Saint-Lambert-de-Lauzon (Quebec)
Canada G0S 2W0
Phone: (418) 889-9910
Fax: (418) 889-9915

In case of emergency:

CANUTEC: (613) 996-6666

Or contact your local poison control center.

Section 2. Hazards identifications

Physical state: Liquid
Warning: The product is mildly toxic and can cause mild eye and skin irritation, especially in case of sensitivity. If large quantities are inhaled, may affect respiratory system.

Routes of entry: Eyes, skin, inhalation, ingestion.

Potential acute effects

- **Eyes:** The product can cause eye irritation.
- **Skin:** The product may cause irritation. Toxic if absorbed.
- **Inhalation:** The product can cause irritation to the respiratory tract. Toxic if inhaled.
- **Ingestion:** If ingested, product may cause irritation to the gastrointestinal tract. Toxic if ingested.

Potential chronic effects: *See Toxicological Information (section 11).*

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Diethylene glycol methyl ether	111-77-3	1 to 5
Tripropylene glycol methyl ether	25498-49-1	1 to 3
Tri(butoxyethyl) phosphate	78-51-3	1 to 2

Section 4. First aid measures

Eye contact: Flush eyes with running water for at least 15 minutes, keeping eyelids open immediately. Take care not to contaminate unaffected areas. Consult a doctor immediately.
Skin contact: Wash the affected area with soap and water and rinse immediately with plenty of running water. Get medical attention if irritation symptoms arise.
Inhalation: If symptoms of respiratory irritation arise following inhalation of the product, move the victim to fresh air. If symptoms persist or worsen, contact emergency services immediately.
Ingestion: In cases of ingestion of large amounts of product, DO NOT induce vomiting. Consult a doctor immediately.
Note: For any situation where the victim should consult a doctor or emergency services should go to the scene of incident to an intervention or medical transportation, make sure you give a copy of this MSDS with the victim if his health permits, an accompanying person or emergency services so that it is readily available for emergency physicians and / or physicians.

Section 5. Fire fighting measures

Flammability of the product: Not flammable
Lower limit of flammability: Not available
Upper limit of flammability: Not available
Flammability temperature Not available
Flash point: >100°C
Products of combustion: Carbon dioxide (CO_2), Carbon monoxide (CO), Nitrogen oxide, Halogenated compounds.
Fire hazards in presence of various substances: Data not available
Fire fighting media and instructions: Extinguishing media such as water fog, carbon dioxide or alcohol resistant foam. Do not use water spray as it will spread fire.

Section 6. Accidental release measures

Personal precautions: Wear appropriate clothing and protective equipment when cleaning liquid chemicals.
Environmental precautions: Prevent infiltration into drains, sewers and water courses.
Methods for cleaning up: Absorb spill with inert absorbent and non-combustible materials, such as universal absorbents or vermiculite. Transfer absorbed substance in a suitable container for disposal in accordance with federal, provincial and local laws.

Section 7. Handling and storage

Handling: Wear all personal protective equipment according to the task. Properly apply the professional and personal hygiene procedures such as washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. Use safety procedures to avoid accidents.
Storage: It is recommended to store the product at room temperature. Keep out of reach of children.

Section 8. Exposure Controls, Personal Protections

Engineering controls: Ensure adequate ventilation and good air output to keep contaminant concentrations below the permissible exposure limits.
Eyes: Wear safety glasses with side shields.
Respiratory: During routine operations, respiratory protection is not required. If exposure limits are exceeded, wear appropriate respiratory protection.
Hands: Wear chemical resistant gloves.
Skin/body: According to task.
Other: Eyewash and emergency shower must be available on site.

Section 9. Physical and chemical properties

Molecular mass: Data not available
Physical status: Liquid
Appearance: Translucent white
Odor: Light
Threshold odor: Data not available
Density at 25°C (g/mL): 1.03-1.04
Freezing point: Data not available
Boiling point: Data not available
Vapor tension: Data not available
Density of vapor: Data not available
Coefficient of division (water/oil): Data not available
Water solubility (Air=1): Miscible in water
Rate of evaporation: Data not available
Volatility: 80 ± 1 % (w/w)
Viscosity: 23-25 sec (Zahn 2)
pH: 9.5 ± 0.2

Section 10. Stability and reactivity

Stability and reactivity: Stable
Incompatibility: Oxidizing agents.
Hazardous decomposition products: Thermal decomposition products such as carbon dioxide (CO_2).
Conditions to avoid: High temperatures, heat, open flames and contact with incompatible materials.
Hazardous polymerization: Will not occur

Section 11. Toxicological information

Information on ingredients:

Name	CAS	LD_{50}	LC_{50}
Diethylene glycol methyl ether	111-77-3	Rat (oral) 7,000 mg/kg Rabbit (dermal) 20,400 mg/kg Rabbit (dermal) 9,404 mg/kg	N/A
Tripropylene glycol methyl ether	25498-49-1	Rat (oral) 3,200 mg/kg	N/A
Tri(butoxyethyl)phosphate	78-51-3	Rat (oral) 3,000 mg/kg Rabbit (dermal) >2,050 mg/kg	Rat (Inhalation) 6.4 mg/L – 4 h

Routes of entry: Eyes, skin, inhalation, ingestion.

Potential acute effects

- **Eyes:** The product can cause eye irritation.
- **Skin:** The product may cause irritation. Toxic if absorbed.
- **Inhalation:** The product can cause irritation to the respiratory tract. Toxic if inhaled.
- **Ingestion:** If ingested, product may cause irritation to the gastrointestinal tract. Toxic if ingested.

Potential chronic effects:

Carcinogenicity: No components have been confirmed as carcinogenic.
Reproductive toxicity: Test on laboratory animals show that overexposure may cause reproductive disorders.
Teratogenicity: Suspected human reproductive toxicant. Possible risk of congenital malformation in the foetus.

Section 12. Ecological information

Ecological data:

Name	Results	Species	Period
Diethylene glycol methyl ether	LC_{50} - 7,500 mg/L	Lepomis Macrochirus	96 h
	LC_{50} - 5,741 mg/L	Pimephales promelas	96 h
	EC_{50} - 1,192 mg/L	Daphnia Manga	48 h
	EC_{50} - 1,000 mg/L	Selenastrum capricornutum	96 h
Tri(butoxyethyl) phosphate	LC_{50} - 24 mg/L	Oncorhynchus mykiss	96 h
	EC_{50} - 53 mg/L	Daphnia magna	48 h

Effects on environment: May be harmful to aquatic life
Environmental precautions: Avoid release into environment and sewers.
Breakdown products: No data available
Toxicity of the biological breakdown products: No data available

Section 13. Disposal considerations

Waste disposal: Dispose of this product in accordance with federal, provincial and local laws.

Section 14. Transportation information

Classification DOT/ IMDG/ IATA label: Not regulated as dangerous good

Section 15. Regulatory information

GHS (Globally Harmonized System of Classification and Labelling of Chemicals):

Reproductive toxicity (Category 2)

Acute toxicity, Dermal, Oral, Inhalation (Category 4)
Skin and eye irritation (Category 4)
Specific target organ toxicity – single exposure (Category 3)

Acute aquatic toxicity (Category 4)

Hazard statements:

H303: May be harmful if swallowed
H312: Harmful in contact with skin
H315: Causes skin irritation
H320: Causes eye irritation
H335: May cause respiratory irritation
H402: Harmful to aquatic life

Precautionary statements

P102: Keep out of reach of children.
P264: Wash hands and skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment

UNITED STATES:

NFPA rating

Health: 0
Flammable: 0
Reactivity: 0
Special conditions: 0

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

REACH (EU):

ESIS - European chemical Substances Information System: Composite
REACH - Registration, Evaluation, Authorisation and Restriction of Chemical substances: Composite
List of Registered Substances Phase-in: **Registred like:**

EC No.	CAS RN	Substance name	Full	OSII	TII
203-906-6	111-77-3	Diethylene glycol methyl ether	-		
247-045-4	25498-48-1	Tripropylene glycol methyl ether	-		
201-122-9	78-51-3	Tri(butoxyethyl) phosphate	-		

Full	Indicates registration under REACH Article 10 as a full folder.
OSII	Indicates registration under REACH Article 17 as an isolated intermediate on site (OSII).
TII	Indicates registration under REACH Article 18 as a transported isolated intermediate (TII).
'Yes'	Indicates the registration of the substance with REACH is complete.
'In Process'	Indicates that a file on the substance has been successfully submitted to ECHA and gets treated, NB Compliance monitoring is ongoing (and could be unsuccessful).

CANADA :

SIMDUT (Canada) :

D2B – Toxic material causing other effects
D2A – Very toxic material causing other toxic effects.

Section 16. Additional information

Date of issue: July 30th, 2015
Version: 1
Elaborated by: Toxyscan inc., 1-866-780-0599

References:

- ANSI Z400.1, MSDS Standard, 2001.
- Manufacturer's Material Safety Data Sheet.
- 29CFR Part1910.1200 OSHA MSDS Requirements.
- 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. -Canada
- Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Federal act on the controlled products
- Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002.
- Toxicological repertory, HSC.
- Material safety date sheet from the components.

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