



Material Safety Data Sheet

Auto Transmission TX-20

Section 1. Chemical product and company identification

Common name : TX-20

Material Uses : Hydrostatic Treatment

Supplier : Dr.DETROIT Inc.
1540, De Coulomb,
Boucherville QC
Canada J4B 8A3
Tel: (514) 237-7199
Fax: +1-(450)449-9174

In case of emergency : Canutec (613) 996-6666

Manufacturer : LUBRI-LAB Inc.
1540, De Coulomb,
Boucherville QC
Canada J4B 8A3
Tel: +1-(450) 449-1626
Fax: +1-(450)449-9174

Section 2. Hazards identification

Physical state : Liquid. [Viscous liquid.]

Emergency overview : CAUTION!

CAUSES EYE AND SKIN IRRITATION.

Irritating to eyes and skin. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eyes : Irritating to eyes.

Skin : Irritating to skin.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Potential chronic health effects : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects: Not available.
Teratogenic effects: Not available.

Medical conditions aggravated by over-exposure : Repeated or prolonged exposure is not known to aggravate any medical condition.

See toxicological information (section 11)

Section 3. Composition, Information on Ingredients

		CAS number	% by weight
United States			
Solvent naphtha (petroleum), medium aliphatic		64742-88-7	1 - 5
Canada			
Solvent naphtha (petroleum), medium aliphatic		64742-88-7	1 - 5
Mexico			
	UN number	IDLH	Classification
Solvent naphtha (petroleum), medium aliphatic	UN1223	-	F R Special
		1	1 0
			64742-88-7 1 - 5

This material is classified hazardous under OSHA regulations in the United States, the WHMIS Controlled Product Regulation in Canada and the NOM-018-STPS-2000 in Mexico.

See Sections 8, 11 and 14 for details.

Section 4. First aid measures

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.
- Skin contact** : Wash with soap and water. Get medical attention if irritation occurs.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Notes to physician** : No specific antidote. Medical staff must contact Poison Control Center.

Section 5. Fire fighting measures

- Flammability of the product** : Non-flammable in the presence of heat.
- Flash point** : Open cup: 235°C (455°F) (Cleveland.).
- Products of combustion** : No specific data.
- Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.
- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- In a fire or if heated, a pressure increase will occur and the container may burst.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up** : For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Keep container in a cool, well-ventilated area.

Section 8. Exposure controls, personal protection

- Engineering controls** :
- Personal protection**
- Eyes** : Safety glasses.

- Respiratory** : Wear appropriate respirator when ventilation is inadequate.



Hands : Natural rubber (latex).



Skin/Body : Not applicable.

Personal protection in case of a large spill : Safety glasses. Impervious gloves.

Product name **Exposure limits**
United States

Solvent naphtha (petroleum), medium aliphatic **Manufacturer (United States).**
TWA: 100 ppm 8 hour(s). Form: All forms.

Canada
Solvent naphtha (petroleum), medium aliph. **ACGIH TLV (United States).**
TWA: 100 ppm 8 hour(s).

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Physical state : Liquid. [Viscous liquid.]
Color : Ocre.
Odor : Petroleum.
Specific gravity : 0.888
Evaporation rate : <1 compared with Ether (anhydrous).
VOC : 7.5852 g/l
Viscosity : Kinematic (40C): 77.66 cSt. ASTM D445.
Solubility : Insoluble in the following materials: cold water and hot water.

Section 10. Stability and reactivity

Stability and reactivity : The product is stable.
Incompatibility with various substances : Reactive with oxidizing agents.
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization : Will not occur.

Section 11. Toxicological information

Acute Effects

Eyes : Irritating to eyes.
Skin : Irritating to skin.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Mutagenic effects: Not available.
Teratogenic effects: Not available.

Section 12. Ecological information

Products of degradation : Decomposition products may include the following materials: carbon oxides and water.

Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Consult your local or regional authorities.

Section 14. Transport information

Classification

Mexico/ TDG/ DOT/ IMDG/ IATA : Not regulated.

NAERG : Not applicable.

Label

Not applicable.

Additional information

Not applicable.

Section 15. Regulatory information

United States

HCS Classification

: Irritating material

U.S. Federal regulations

: TSCA 8(b) inventory: All components listed.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: Sulphur dioxide

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: Sulphur dioxide

State regulations

: **Connecticut Carcinogen Reporting**: None of the components are listed.

Connecticut Hazardous Material Survey: None of the components are listed.

Florida substances: None of the components are listed.

Illinois Chemical Safety Act: None of the components are listed.

Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.

Louisiana Reporting: None of the components are listed.

Louisiana Spill: None of the components are listed.

Massachusetts Spill: None of the components are listed.

Massachusetts Substances: None of the components are listed.

Michigan Critical Material: None of the components are listed.

Minnesota Hazardous Substances: None of the components are listed.

New Jersey Hazardous Substances: None of the components are listed.

New Jersey Spill: None of the components are listed.

New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.

New York Acutely Hazardous Substances: None of the components are listed.

New York Toxic Chemical Release Reporting: None of the components are listed.
Pennsylvania RTK Hazardous Substances: None of the components are listed.
Rhode Island Hazardous Substances: None of the components are listed.

California prop. 65: No products were found.

Air Quality Management District (AQMD) norm in California. VOC 7.5852 g/l.

Canada

WHMIS (Canada)

: Class D-2B: Material causing other toxic effects (Toxic).



CEPA DSL: All components listed.

Mexico

Classification

:

International regulations

International lists

: All components listed are listed on major international inventories or exempted from being listed in Australia (AICS), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI/MOL), Philippines (RA6969).

Section 16. Other information

Label requirements : CAUSES EYE AND SKIN IRRITATION.

Hazardous Material Information System (U.S.A.) :

Health	1
Fire hazard	0
Reactivity	0
Personal protection	B

National Fire Protection Association (U.S.A.) :

References

: ANSI Z400.1, MSDS Standard, 2004. - 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" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994.

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of 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.