

**1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION**

**PRODUCT NAME** : Catalys SYNCOOL 5800  
**SUPPLIER** : Catalys Lubricants Inc, 2320De La Metropole, Logueuil, QC, J4G 1E6  
: Tel.: (450) 679 -8866  
**EMERGENCY NUMBER** : Catalys Lubrifiants ins at: 1-800-363-0590  
:  
**USE OF THE PREPARATION** : Very low foaming synthetic lubricant.

**2. HAZARD IDENTIFICATION**

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE** : SKIN SENSITIZATION - Category 1

**LABEL ELEMENTS** : This product has been classified and labeled according to the WHIMIS 2015 (GHS).

**Hazard Pictograms** :



**Signal Word** : WARNING  
**Hazard Statements** : H317 - May cause an allergic skin reaction.  
**Precautionary statements**  
Prevention : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
: P272 - Contaminated work clothing should not be allowed out of the workplace.  
: P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
Intervention : P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
: P321 - Specific treatment (see first aid instructions on this label).  
: P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
Disposal : P362+P364 - Take off contaminated clothing and wash it before reuse  
: P501 - Dispose of contents/container in accordance with applicable laws and regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| HAZARDOUS INGREDIENTS | CAS | CONCENTRATION<br>(Weight) |
|-----------------------|-----|---------------------------|
|-----------------------|-----|---------------------------|



Neodecanoic acid, triethanolamine salt  
Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine

84501-70-2  
4719-04-4

5-10  
1-5

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

#### 4. FIRST AID MEASURES

- FIRST-AID MEASURES AFTER EYE CONTACT** : Rinse with plenty of water during at least 15 minutes holding open eyelids. If an irritation persists, consult a physician.
- FIRST-AID MEASURES AFTER SKIN CONTACT** : Remove contaminated clothing and shoes while washing affected skin with soap and water. If an irritation or a discomfort persists, consult a physician. Wash contaminated clothing before re-use.
- FIRST-AID MEASURES AFTER INHALATION** : Remove to fresh air. If a discomfort persists, consult a physician.
- FIRST-AID MEASURES AFTER INGESTION** : Contact a poison control centre. DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. Rinse mouth with water then drink plenty of water. If vomiting occurs, keep head below hips.
- OTHER FIRST AID** : Consult a physician

#### 5. FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

- Appropriate Extinguishing Media : Carbon dioxide, dry chemical, foam.  
Inappropriate Extinguishing Media : Not available.

##### FIRE FIGHTING

- Unusual Fire Hazards : Not available.  
Hazardous combustion products : Irritant gases. Nitrogen oxides. Boron oxides. Carbon oxides.

- Advice for firefighters : Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. Use water spray to cool fire exposed containers.

#### 6. ACCIDENTAL RELEASE MEASURES

##### SAFETY PRECAUTIONS:

- Practice good industrial hygiene when handling this product.
- Use appropriate personal protective equipment.
- Avoid breathing overspray and vapors/mists/fogs.
- Avoid all contact with skin, eyes and clothing.





Respiratory protective equipment : Not normally necessary. Determine required equipments after evaluating the specific conditions and hazards in the workplace.

Other protections : Boots and apron.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Green clear liquid

ODOUR : Slight

ODOUR THRESHOLD : Not available.

pH : 9.4

MELTING POINT/FREEZING POINT (°C) : ~0

INITIAL BOILING POINT/BOILING RANGE (°C) : ~100

FLASH POINT (°C) : Not applicable.

EVAPORATION RATE : Not available.

CONDITIONS OF FLAMMABILITY : None known.

LOWER FLAMMABLE/EXPLOSIVE LIMIT (%) : Not applicable.

UPPER FLAMMABLE/EXPLOSIVE LIMIT (%) : Not applicable.

VAPOUR PRESSURE (KPA) : Not available.

VAPOUR DENSITY : Not available.

RELATIVE DENSITY : 1.04-1.08

SOLUBILITY : Complete

PARTITION COEFFICIENT - N-OCTANOL/WATER : Not available.

AUTO-IGNITION TEMPERATURE (°C) : Not applicable.

DECOMPOSITION TEMPERATURE : Not available.

VISCOSITY (MM<sup>2</sup>/S (CST) AT 40°C) : <10

VOC CONTENT : Not available.

### 10. STABILITY AND REACTIVITY

REACTIVITY : Not available.

CHEMICAL STABILITY : Stable under the recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS : Not available.

CONDITIONS TO AVOID : Not available.

INCOMPATIBLE MATERIALS : Acids. Strong alkalis. Strong oxidizers.



HAZARDOUS DECOMPOSITION PRODUCTS : Organic acids. Aldehydes. Ethers. Irritating gases. Nitrogen oxides. Boron oxides. Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY:**

**Neodecanoic acid, triethanolamine salt (84501-70-2)**

LD50 Oral (Rat) mg/kg : Not available.

LD50 Dermal (Rabbit) mg/kg : Not available.

LC50 Inhalation (Rat) : Not available.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine (4719-04-4)**

LD50 Oral (Rat) mg/kg : 1000

LD50 Dermal (Rabbit) mg/kg : >3500

LC50 Inhalation (Rat) : Not available.

ROUTE OF ENTRY (EXPOSURE): : Skin absorption. Eye contact. Inhalation

**EFFECTS OF ACUTE EXPOSURE**

Eye contact : Possibility of an Irritation. Tear production. Redness.  
 Skin contact : Dryness. This product may cause an allergic reaction in some individuals. Irritation. Redness.  
 Inhalation : Possibility of an irritation of the respiratory tract if product is sprayed or in mist.  
 Ingestion : Irritation. Gastric discomfort.

**EFFECTS OF CHRONIC EXPOSURE**

Carcinogenicity : Not available.  
 Reproductive toxicity : Not available.  
 Teratogenicity : Not available.  
 Mutagenicity : Not available.  
 Sensitization : May cause cutaneous sensitization.  
 Synergistic products : Not available.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY :**

**Neodecanoic acid, triethanolamine salt (84501-70-2)**

LC50 (Fish) : Not available.

EC50 (Other aquatic organisms) : Not available.

EC50 (Daphnia) : Not available.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine (4719-04-4)**



|                                |   |  |
|--------------------------------|---|--|
| LC50 (Fish)                    | : | 10-100 mg/L 96h (Species:Not available.) |
| EC50 (Other aquatic organisms) | : | Not available.                           |
| EC50 (Daphnia)                 | : | 10-100 mg/L 48h (Species: Daphnia magna) |

**PERSISTENCE AND DEGRADABILITY**

**Neodecanoic acid, triethanolamine salt (84501-70-2)**

Not available.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine(4719-04-4)**

Readily biodegradable.

**BIOACCUMULATIVE POTENTIAL**

**Neodecanoic acid, triethanolamine salt (84501-70-2)**

Not available.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine(4719-04-4)**

Not available.

**MOBILITY IN SOIL**

**Neodecanoic acid, triethanolamine salt (84501-70-2)**

Not available.

**Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine(4719-04-4)**

Not available.

**13. DISPOSAL CONSIDERATIONS**

Disposal should be in accordance with applicable regulations Do not allow to enter ground water, sewage or drains

**14. TRANSPORT INFORMATION**

**IN ACCORDANCE WITH TDG**

Not regulated (TDG, IATA, IMDG)

|                       |   |
|-----------------------|---|
| UN NUMBER             | : |
| HAZARD CLASS&DIVISION | : |
| PACKAGING GROUP       | : |

**15. REGULATORY INFORMATION**



**NATIONAL REGULATIONS:**

**WHIMIS 2015:** This product has been classified in accordance with the hazard criteria established by Hazardous Products Act and the SDS contains all information required by the HPA.

**DSL:** All components of this material are either on the Canadian Domestic Substances List (DSL), or exempt

**16. OTHER INFORMATION**

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

**ACRONYMS/ABBREVIATION**

|               |   |  |
|---------------|---|--|
| <i>AVAQMD</i> | : | Antelope Valley Air Quality Management District                  |
|               | : | Identification number assigned by the Chemical Abstracts Service |
| <i>CAS</i>    | : | Canadian Domestic Substances Lis                                 |
| <i>DSL</i>    | : | Globally Harmonized System                                       |
| <i>GHS</i>    | : | Hazardous Products Act   |
| <i>HPA</i>    | : | International Agency for Research on Cancer                      |
| <i>IARC</i>   | : | Lethal concentration 50, in air                                  |
| <i>LC50</i>   | : |  |
| <i>LD50</i>   | : | Lethal concentration 50, depending on the route of exposure      |
| <i>NTP</i>    | : | National Toxicology Program                                      |
| <i>STEL</i>   | : | Short-Term Exposure Limit (15 minutes)                           |
| <i>TDG</i>    | : | Transportation of Dangerous Goods (Canada)                       |
| <i>TSCA</i>   | : | Toxic Substances Control Act                                     |
| <i>TWA</i>    | : | Time-Weighted Average (8 hours)                                  |

**OTHER TOXICOLOGICAL INFORMATIONS**

|                            |   |                           |
|----------------------------|---|---------------------------|
| <b>PREPARATION</b>         | : | Robert Maillette, Chemist |
| <b>DATE OF PREPARATION</b> | : | 2025-03-19                |
| <b>DATE OF REVISION</b>    | : | 2025-03-19                |
| <b>TEL</b>                 | : | (450) 679-8866            |
| <b>CODE</b>                | : | 07-0790                   |
|                            | : |                           |

**END OF THE SDS**