# SAFETY DATA SHEET

## Section 1. Identification

**CHS Inc.**
**P.O. Box 64089**
**Mail station 525**
**St. Paul, MN 55164-0089**

**Transportation Emergency (CHEMTREC)** : **1-800-424-9300 CCN23163**
**Technical Information** : **1-651-355-8443**
**SDS Information** : **1-651-355-8445**

| | | | | | |
|---|---|---|---|---|---|
| **Product name** | : | Auto Gold ATF DM | **SDS no.** | : | 0115-049912 |
| **Common name** | : | Automatic Transmission Fluid. | **Revision date** | : | 05/01/2018 |
| **Chemical name** | : | Lubricating Oil. | **Chemical formula** | : | Mixture |
| **Chemical family** | : | Hydrocarbon. | | | |

**Relevant identified uses of the substance or mixture and uses advised against**

Transmission lubricant.

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** :
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (nose/sinuses) (oral) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (nose/sinuses, throat) (inhalation) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

**GHS label elements**

**Hazard pictograms** :

**Signal word** : Warning

**Hazard statements** :
H315 + H320 - Causes skin and eye irritation.
H371 - May cause damage to organs if inhaled. (nose/sinuses, throat) May cause damage to organs if swallowed. (nose/sinuses)
H335 - May cause respiratory irritation.

**Precautionary statements**

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Wear protective gloves: 4 - 8 hours (breakthrough time): Nitrile gloves. Wear eye or face protection: Recommended: Splash goggles and a face shield, where splash hazard exists. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response** : IF exposed or concerned: Call a POISON CENTER or physician. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage** : Store locked up.

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified** : None known.

**Hazardous Material Information System (U.S.A.)** **Health :** 2 / **Flammability :** 1 **Physical hazards :** 0

**National Fire Protection Association (U.S.A.)** **Health :** 2 **Flammability :** 1 **Instability :** 0

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

**Chemical name** : Lubricating Oil.

**Other means of identification** : Automatic Transmission Fluid.

| Ingredient name | % | CAS number |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | ≥90 | 64742-54-7 |

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

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

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

**Description of necessary first aid measures**

**Eye contact** : If material comes in contact with the eyes, immediately wash the eyes with large amounts of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention.

**Inhalation** : If person breathes in large amounts of material, move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the person warm and at rest. Get medical attention as soon as possible.

**Skin contact** : If the material comes in contact with the skin, wash the contaminated skin with soap and water promptly. If the material penetrates through clothing, remove the clothing and wash the skin with soap and water promptly. If irritation persists after washing, get medical attention immediately.

**Ingestion** : If material has been swallowed, do not induce vomiting. Get medical attention immediately.

**Most important symptoms/effects, acute and delayed**

**Potential acute health effects**

**Eye contact** : Causes eye irritation.

**Inhalation** : May cause damage to organs following a single exposure if inhaled. May cause respiratory irritation.

**Skin contact** : Causes skin irritation.

**Ingestion** : May cause damage to organs following a single exposure if swallowed. Irritating to mouth, throat and stomach.

**Over-exposure signs/symptoms**

**Eye contact** : Adverse symptoms may include the following: pain or irritation, watering, redness.

**Inhalation** : Adverse symptoms may include the following: respiratory tract irritation, coughing.

**Skin contact** : Adverse symptoms may include the following: irritation, redness.

**Ingestion** : No known significant effects or critical hazards.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**See toxicological information (Section 11)**

## Section 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media** : Use water spray to cool fire exposed surfaces and to protect personnel. Foam, dry chemical or water spray (fog) to extinguish fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : Toxic fumes gases or vapors may evolve on burning.

**Hazardous thermal decomposition products** : No specific data.

**Special protective actions for fire-fighters** : When fighting fires wear full turnout gear and self contained breathing apparatus. Water may cause splattering. Material floats on water.

**Special protective equipment for fire-fighters** : Not applicable.

## Section 6. Accidental release measures

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

**For non-emergency personnel** : Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**Methods and materials for containment and cleaning up**

**Spill** : Contain with dikes or absorbent to prevent migration to sewers/streams. Take up small spill with dry chemical absorbent; large spills may require pump or vacuum prior to absorbent. May require excavation of severely contaminated soil.

## Section 7. Handling and storage

**Precautions for safe handling**

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

**Advice on general occupational hygiene** : 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.

**Conditions for safe storage, including any incompatibilities** : Handling temperatures should not exceed 175°F (80°C). Do not store above the following temperature: 113°C (235.4°F). Odorous and toxic fumes may form from the decomposition of this product if stored at excessive temperatures for extended periods of time. Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

| Ingredient name | Exposure limits |
|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | **OSHA PEL (United States, 6/2016).**<br>TWA: 5 mg/m³ 8 hours.<br>**ACGIH TLV (United States, 3/2017).**<br>TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction<br>**NIOSH REL (United States, 10/2016).**<br>TWA: 5 mg/m³ 10 hours. Form: Mist<br>STEL: 10 mg/m³ 15 minutes. Form: Mist |

**Appropriate engineering controls** : Use only with adequate ventilation.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

**Individual protection measures**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Recommended: Splash goggles and a face shield, where splash hazard exists.

**Skin protection**

**Hand protection** : 4 - 8 hours (breakthrough time): Nitrile gloves.

**Body protection** : Recommended: Long sleeved coveralls.

**Other skin protection** : Recommended: Impervious boots.

**Respiratory protection** : If ventilation is inadequate, use a NIOSH-certified respirator with an organic vapor cartridge and P95 particulate filter.

## Section 9. Physical and chemical properties

**Appearance**

**Physical state** : Liquid.

**Color** : Red.

**Odor** : Mild.

**Odor threshold** : Not available.

**pH** : Not available.

**Melting point** : Not available.

**Relative density** : 0.85 to 0.88

**Evaporation rate** : <1 (Ether. = 1)

**Solubility** : Not available.

**Solubility in water** : Insoluble

**Partition coefficient: n-octanol/water** : Not available.

**Auto-ignition temperature** : >260°C (>500°F)

| | | | |
|---|---|---|---|
| **Boiling point** | : Not available. | **Decomposition temperature** | : Not available. |
| **Flash point** | : Closed cup: >193°C (>379.4°F) | **SADT** | : Not available. |
| **Flammability** | : Not available. | **Viscosity** | : Not available. |
| **Lower and upper explosive (flammable) limits** | : Not available. | **Vapor pressure** | : <0.13 kPa (<1 mm Hg) (68°F) |
| | | **Vapor density** | : Not available. |

## Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No specific data.

**Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

There is no data available.

**Irritation/Corrosion**

**Skin** : Not hazardous (per manufacturer).

**Eyes** : Not hazardous (per manufacturer).

**Respiratory** : Not hazardous (per manufacturer).

**Sensitization**

**Skin** : Not hazardous (per manufacturer).

**Respiratory** : Not hazardous (per manufacturer).

**Mutagenicity**

There is no data available.

**Carcinogenicity**

There is no data available.

**Reproductive toxicity**

There is no data available.

**Teratogenicity**

There is no data available.

**Specific target organ toxicity (single exposure)**

| Name | Category | Route of exposure | Target organs |
|---|---|---|---|
| Lubricating Oil. | Category 2<br><br>Category 3 | Oral<br>Inhalation<br>Not applicable. | nose/sinuses<br>nose/sinuses and throat<br>Respiratory tract irritation |

**Specific target organ toxicity (repeated exposure)**

There is no data available.

**Aspiration hazard**

| Name | Result |
|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | ASPIRATION HAZARD - Category 1 |

**Information on the likely routes of exposure** : Dermal contact. Eye contact. Inhalation. Ingestion.

## Section 12. Ecological information

**Toxicity**

There is no data available.

**Persistence and degradability**

There is no data available.

**Bioaccumulative potential**

There is no data available.

**Mobility in soil**

**Soil/water partition coefficient ($K_{OC}$)** : There is no data available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## Section 14. Transport information

**DOT IDENTIFICATION NUMBER** Not applicable. **DOT proper shipping name** Not applicable.

**DOT Hazard Class(es)** Not applicable. **PG** Not applicable. **DOT EMER. RESPONSE GUIDE NO.** Not applicable

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) CDR Exempt/Partial exemption**: Not determined
**United States inventory (TSCA 8b)**: All components are listed or exempted.
**Clean Water Act (CWA) 307**: Benzene
**Clean Water Act (CWA) 311**: Benzene

**Clean Air Act Section 602 Class I Substances** : Not listed
**Clean Air Act Section 602 Class II Substances** : Not listed
**DEA List I Chemicals (Precursor Chemicals)** : Not listed
**DEA List II Chemicals (Essential Chemicals)** : Not listed
**Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)** : Listed

**SARA 302/304**

**Composition/information on ingredients**

| Name | % | EHS | SARA 302 TPQ | | SARA 304 RQ | |
|---|---|---|---|---|---|---|
| | | | (lbs) | (gallons) | (lbs) | (gallons) |
| Sulphur Dioxide | ≤0.0025 | Yes. | 500 | - | 500 | - |

**SARA 304 RQ** : 26818279.3 lbs / 12175498.8 kg [3718412.1 gal / 14075721.2 L]

**SARA 311/312**

**Hazard classifications** : SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (nose/sinuses) (oral) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (nose/sinuses, throat) (inhalation) - Category 2
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

**Composition/information on ingredients**

| Name | Classification |
|---|---|
| Distillates (petroleum), hydrotreated heavy paraffinic | ASPIRATION HAZARD - Category 1 |

**SARA 313** : This product (does/not) contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

| Product name | CAS number | % |
|---|---|---|
| Not applicable. | | |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**State regulations**

**Massachusetts** : The following components are listed: Distillates (petroleum), hydrotreated heavy paraffinic

**New York** : None of the components are listed.

**New Jersey** : The following components are listed: Distillates (petroleum), hydrotreated heavy paraffinic

**Pennsylvania** : None of the components are listed.

**California Prop. 65**

⚠ **WARNING**: This product can expose you to Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to Sulfur Dioxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

| Ingredient name | No significant risk level | Maximum acceptable dosage level |
|---|---|---|
| Sulphur Dioxide<br>Benzene | -<br>Yes. | Yes.<br>Yes. |

## Section 16. Other information

**Revision date** : 05/01/2018

**Revised Section(s)** : 1, 2, 3, 8, 11, 15, 16.

**Supersedes** : 05/07/2015

**Prepared by** : KMK Regulatory Services Inc.

Notice to reader

THE INFORMATION CONTAINED IN THIS SDS RELATES ONLY TO THE SPECIFIC MATERIAL IDENTIFIED. IT DOES NOT COVER USE OF THAT MATERIAL IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PARTICULAR PROCESS. IN COMPLIANCE WITH 29 C.F.R. 1910.1200(g), CHS HAS PREPARED THIS SDS IN SEGMENTS, WITH THE INTENT THAT THOSE SEGMENTS BE READ TOGETHER AS A WHOLE WITHOUT TEXTUAL OMISSIONS OR ALTERATIONS. CHS BELIEVES THE INFORMATION CONTAINED HEREIN TO BE ACCURATE, BUT MAKES NO REPRESENTATION, GUARANTEE, OR WARRANTY, EXPRESS OR IMPLIED, ABOUT THE ACCURACY, RELIABILITY, OR COMPLETENESS OF THE INFORMATION OR ABOUT THE FITNESS OF CONTENTS HEREIN FOR EITHER GENERAL OR PARTICULAR PURPOSES. PERSONS REVIEWING THIS SDS SHOULD MAKE THEIR OWN DETERMINATION AS TO THE MATERIAL'S SUITABILITY AND COMPLETENESS FOR USE IN THEIR PARTICULAR APPLICATIONS.

CENEX®

OUR ENERGY COMES THROUGH.®

A BRAND OF CHS®