



# SAFETY DATA SHEET

Issuing Date 23-Feb-22

Revision date 23-Feb-22

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Material Name** Boss All Season TDH

### Other means of identification

**Product Code(s)** GHSRBS-125

**Synonyms** Tractor Hydraulic Fluid

**Chemical Name** Lubricating oil

**Chemical Formula** Mixture

**Chemical Family** Hydrocarbon

**Recommended use** None known

**Restrictions on use** None known

### Details of the supplier of the safety data sheet

#### Initial supplier identifier

BOSS Lubricants

#### Manufacturer Address

6303 30 ST SE Calgary, AB T2C 1R4

#### Emergency telephone number

**Initial supplier phone number**

(800) 844-9457

**Emergency Telephone**

Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

Classification in accordance with Schedule 1 of Canada's Hazardous Products Regulations (HPR) (SOR/2015-17) and paragraph (d) of 29 CFR 1910.1200 in the United States

### **OSHA/HCS Status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910 1200), this SDS contains valuable information critical to the safe handling and use of the product. This SDS should be retained and available for employees and other uses of this product.

**Classification of the substance or mixture** Not classified

### GHS Label Elements



**Signal Word**

None

**Hazard Statement(s)**

**H317**

May cause an allergic skin reaction

**Precautionary Statement(s)**



<b>General</b>	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
<b><u>Prevention</u></b>	
<b>P261</b>	Avoid breathing dust/fume/gas/mist/vapours/spray
<b>P272</b>	Contaminated work clothing should not be allowed out of the workplace
<b>P280</b>	Wash thoroughly after handling
<b><u>Response</u></b>	
<b>P302+P352</b>	If on skin (or hair) wash with plenty of soap and water
<b>P321</b>	Specific treatment (see section 4)
<b>P333+P313</b>	If skin irritation or rash occurs, get medical advice/attention
<b>P363</b>	Wash contaminated clothing before reuse
<b>Storage</b>	Not applicable
<b><u>Disposal</u></b>	
<b>P501</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazards not otherwise classified (HNOC)</b>	None known

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	>90	-	
Phosphorodithioic acid, O, O-C1-14 dialkyl esters, zinc salts	68649-42-3	>1-<2.5	-	
Triphenyl phosphite	101-02-0	0.1-1	-	
Mineral oil	8012-95-1	1-5	-	

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

### Description of first aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical Attention, as soon as possible.
<b>Eye contact</b>	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Skin</b>	Wash with plenty of soap and water while removing all contaminated clothes and shoes. Get medical attention, if needed.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs naturally, the casualty should lean forward to reduce the risk of aspiration. Rinse mouth. Immediately call a poison centre/doctor.

### Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

<b>Inhalation</b>	No known significant effects or critical hazards
<b>Ingestion</b>	No known significant effects or critical hazards
<b>Skin contact</b>	No known significant effects or critical hazards
<b>Eye contact</b>	No known significant effects or critical hazards

#### Over-exposure signs/symptoms

<b>Skin contact</b>	Adverse symptoms may include the following: irritation, redness
<b>Ingestion</b>	No known significant effects or critical hazards
<b>Inhalation</b>	Adverse symptoms may include the following: respiratory tract irritation, coughing
<b>Eye contact</b>	Adverse symptoms may include the following: pain or irritation, watering, redness

### Indication of any immediate medical attention and special treatment needed

<b>Note to physician</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	No specific treatment
<b>Protection of first aiders</b>	No action shall be taken involving any personal risk or without suitable training. See toxicological information in Section 11

## 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use water spray to cool fire exposed surfaces and to protect personnel. Use foam, dry chemical, or water spray (fog) to extinguish fire.
<b>Unsuitable Extinguishing Media</b>	None known
<b>Specific hazards arising from the chemical</b>	Toxic fumes, gases, or vapors may evolve on burning

<b>Hazardous thermal decomposition products</b>	No specific data
<b>Special protective actions for fire-fighters</b>	When fighting fires, wear full turnout gear and self-contained breathing apparatus. Water may cause splattering. Material floats on water
<b>Special protective equipment for fire-fighters</b>	Not applicable

## 6. ACCIDENTAL RELEASE MEASURES

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

<b>For non-emergency personnel</b>	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.
<b>Methods and material for containment and cleaning up</b>	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.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

<b>Protective measures</b>	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breath vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
<b>Advice on general occupational hygiene</b>	Eating, drinking, and smoking should be prohibited in areas where this material is handles, stored and process. Workers should wash hands and face before eating, drinking, and smoking.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

<b>Occupational exposure limits</b>	None
<b>Appropriate Engineering Controls</b>	Use only with adequate ventilation
<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation

### Individual protection measures

<b>Hygiene measures</b>	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.
<b>Eye/Face Protection</b>	Wear splash goggles and a face shield, where splash hazard exists

<b>Hand Protection</b>	4-8 hours (breakthrough time): Nitrile gloves
<b>Body protection</b>	Long sleeved coveralls are recommended
<b>Other skin protection</b>	Impervious boots are recommended
<b>Respiratory protection</b>	If ventilation is inadequate, use a NIOSH-certified respirator with an organic vapor cartridge and P95 particulate filter.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Color</b>	Amber
<b>Odor</b>	Mild odor
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	No data available	None known
<b>Melting point/freezing point</b>	No data available	None known
<b>Boiling point/boiling range</b>	No data available	None known
<b>Boiling point range</b>	No data available	None known
<b>Freezing point</b>	No data available	None known
<b>Evaporation Rate</b>	<1 (Butyl acetate=1)	ASTM D972
<b>Flash point</b>	>205°C (>401°F)(closed cup)	ASTM D93
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive Limits</b>	No data available	
<b>Lower flammability or explosive Limits</b>	No data available	
<b>Vapor Pressure</b>	<0.13 kPa (<1 mm Hg) (68°F)	ASTM D323
<b>Vapor Density</b>	No data available	None known
<b>Relative Density (@ 15°C)</b>	0.88 to 0.89	ASTM D6822
<b>Specific Gravity(water=1)</b>	0.8800-0.8900	ASTM D792
<b>Solubility</b>	No data available	None known
<b>n-Octanol/</b>		
<b>Water Partition coefficient</b>	No data available	None known
<b>Pour point</b>	No data available	None known
<b>Autoignition temperature</b>	>260°C (>500°F)	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known
<b>Dynamic Viscosity</b>	No data available	None known
<b>Other information</b>		
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	
<b>Softening Point</b>	No information available	

<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients
<b>Chemical Stability</b>	Stable at room temperature and pressure. See handling and storage section.
<b>Conditions to avoid</b>	See handling and storage section
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Smoke, carbon monoxide, aldehydes sulphide and alkyl mercaptans may be released.  Under combustion conditions, oxides of the following elements will be formed: Magnesium, calcium, nitrogen, sulphur, carbon.
<b>Incompatible materials</b>	Reactive or incompatible with the following materials: oxidizing materials
<b>Hazardous polymerization</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Triphenyl phosphite LD50	Oral	Rat	444 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Triphenyl phosphite	Eyes-Mild Irritant	Rabbit	-	24 hours 500 mg	-
	Skin-Severe irritant	Human	-	48 hours 125 mg	-
	Skin-Moderate irritant	Rabbit	-	24 hours 20 mg	-
	Skin-Severe irritant	Rabbit	-	500 mg	-

#### Sensitization

<b>Skin</b>	There is no data available
<b>Respiratory</b>	There is no data available
<b>Mutagenicity</b>	There is no data available
<b>Carcinogenicity</b>	There is no data available
<b>Reproductive toxicity</b>	There is no data available
<b>Teratogenicity</b>	There is no data available

**Specific target organ toxicity**

<b>Single exposure</b>	There is no data available
<b>Repeated exposure</b>	There is no data available
<b>Aspiration hazard</b>	There is no data available
<b>Information on the likely routes of exposure</b>	Dermal contact, eye contact, inhalation, ingestion

**12. ECOLOGICAL INFORMATION**

<b>Toxicity</b>	There is no data available
<b>Persistence and degradability</b>	There is no data available
<b>Bioaccumulative potential</b>	There is no data available
<b><u>Mobility in soil</u></b>	
<b>Soil/water partition coefficient (KOC)</b>	There is no data available
<b>Other adverse effects</b>	No known significant effects or critical hazards

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal Methods</b>	Disposal of this product, solutions and any by-products must be accordance with applicable federal, state, provincial, and local regulations.
<b>US EPA Waste Number &amp; Descriptions</b>	These products, if discarded, are not expected to be a characteristic or listed hazardous waste. If recycled in the USA, they can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code (s) applicable to the disposal of these products.

**14. TRANSPORT INFORMATION**

<b><u>Transport Canada</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>DOT</u></b>	Not regulated

**15. REGULATORY INFORMATION****Safety, health, and environmental regulations/legislation specific for the substance or mixture****International Regulations**

<b>The Montreal Protocol on Substances that Deplete the Ozone Layer</b>	Not applicable
<b>The Stockholm Convention on Persistent Organic Pollutants</b>	Not applicable
<b>The Rotterdam Convention</b>	Not applicable

**Internal Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status
<b>ENCS</b>	Contact supplier for inventory compliance status
<b>IECSC</b>	Contact supplier for inventory compliance status
<b>KECL</b>	Contact supplier for inventory compliance status
<b>PICCS</b>	Contact supplier for inventory compliance status
<b>AICS</b>	Contact supplier for inventory compliance status

**Legend:**

**TSCA**-Unites States Toxic Substances Control Act Section 8(b) inventory

**DSL/NDSL**-Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS**-European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS**-Japan Existing and New Chemical Substances

**IECSC**-China Inventory of Existing Chemical Substances

**KECL**-Korean Existing and Evaluated Chemical Substances

**PICCS**-Philippines Inventory of Chemicals and Chemical Substances

**AICS**-Australian Inventory of Chemical Substances

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and chemical properties</b> -
<b><u>HMIS</u></b>	<b>Health hazards</b> 0	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal protection</b> X

**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (Environmental Protection Agency)  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act U.S.  
 Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)



NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 RTECS (Registry of Toxic Effects of Chemical Substances)  
 World Health Organization

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**Revision Note** No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

<b>Data for Regulatory Rules</b>
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Region	Template name	Revision Note
<b>Canada</b>	HGHS	2.0

<b>GHS Product Information</b>
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Physical state	Liquid
Flash point °C -	>205°C (>401°F) (closed cup)
Boiling point / boiling range °C	Not available

<b>Component Information</b>
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<b>Canada</b>
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**GHS Classification**

Hazard Statement

Signal word

Precautionary Statements - Disposal

May cause an allergic skin reaction

None

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

