



**BCS FLUIDS, LLC**

## **SAFETY DATA SHEET**

### **1. Identification**

<b>PRODUCT IDENTIFIER</b>	<b>BORELUBE A</b>
<b>RECOMMENDED USE</b>	<b>NOT AVAILABLE</b>
<b>RECOMMENDED RESTRICTIONS</b>	<b>NOT AVAILABLE</b>
<b>MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION</b>	

<b>COMPANY NAME</b>	<b>BCS Fluids, LLC</b>
<b>COMPANY ADDRESS</b>	<b>P.O. Box 1120</b> <b>MANDVILLE, LA 70471</b>
<b>TELEPHONE</b>	<b>985-893-6600</b>
<b>EMERGENCY PHONE</b>	<b>855-BCS-Fluids</b>
<b>WEBSITE</b>	<b><a href="http://www.BCSFluids.com">www.BCSFluids.com</a></b>

### **2. Hazards Identification**

#### **Classification**

#### **OSHA REGULATORY STATUS**

**THIS CHEMICAL IS CONSIDERED HAZARDOUS BY THE 2012  
OSHA HAZARD COMMUNICATION STANDARD (29 CFR  
1910.1200).**

#### **Label Elements**



#### **WARNING**

#### **HAZARD STATEMENTS**

**MAY CAUSE AN ALLERGIC SKIN REACTION**

#### **EMERGENCY OVERVIEW**

**Appearance** opaque  
**Physical State** liquid  
**Odor** characteristic

#### **PRECAUTIONARY STATEMENTS - PREVENTION**

**Avoid breathing dust/fume/gas/mist/vapors/spray**  
**Contaminated work clothing should not be allowed**

OUT OF THE WORKPLACE WEAR PROTECTIVE GLOVES

**IF ON SKIN:** Wash with plenty of soap and water

**IF SKIN IRRITATION OR RASH OCCURS:** GET MEDICAL  
ADVICE/ATTENTION Wash contaminated clothing before  
REUSE

**PRECAUTIONARY STATEMENTS - Disposal**

Dispose of CONTENTS/CONTAINER TO AN APPROVED WASTE  
disposal plant

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

Not Applicable

**UNKNOWN ACUTE TOXICITY** 0% OF THE SUBSTANCE OR MIXTURE  
CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

### 3. Composition/info on Ingredients

THIS MATERIAL IS CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

CHEMICAL NAME	CAS No.	Weight-%	TRADE SECRET
Rosin	8050-09-7	10-30 *	

\*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

### 4. First Aid MEASURES

**FIRST AID MEASURES**

**GENERAL ADVICE** If symptoms persist, call a physician.

**EYE CONTACT** IMMEDIATELY FLUSH WITH PLenty OF WATER. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**SKIN CONTACT** IMMEDIATE MEDICAL ATTENTION IS NOT REQUIRED. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**INHALATION** IMMEDIATE MEDICAL ATTENTION IS NOT REQUIRED. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

**INGESTION** CLEAN MOUTH WITH WATER AND DRINK AFTERWARDS plenty of water. NEVER give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.

**SELF-PROTECTION OF THE FIRST AIDER** Use personal protective equipment as required.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**SYMPTOMS** No information available.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

**NOTE TO PHYSICIANS** TREAT SYMPTOMATICALLY

## 5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO2 or water spray.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

Environmental precautions  
large

Do not allow into any sewer, on the ground or into any body of water. Dike to collect liquid spills.

Methods and material for containment and cleaning up

Methods for containment  
later

Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for disposal.

Methods for cleaning up  
earth

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage,  
including any incompatibilities

STORAGE CONDITIONS Keep	Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. in properly labeled containers.
INCOMPATIBLE MATERIALS	NONE KNOWN BASED ON INFORMATION SUPPLIED.

## 8. Exposure Controls/ PERSONAL PROTECTION

### CONTROL PARAMETERS

EXPOSURE GUIDELINES CHEMICAL NAME	ACGIH	OSHA PEL	NIOSH IDLH
Rosin 8050-		TWA: 0.1 mg/m <sup>3</sup> Formaldehyde	TWA: 0.1 mg/m <sup>3</sup> Formaldehyde

### Appropriate engineering controls

ENGINEERING CONTROLS	SHOWERS EYEWASH STATIONS VENTILATION SYSTEMS.
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### Individual protection measures, such as personal protective equipment

EYE/FACE PROTECTION	Tight sealing safety goggles.
SKIN AND BODY PROTECTION	WEAR PROTECTIVE GLOVES AND PROTECTIVE CLOTHING.
RESPIRATORY PROTECTION	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
GENERAL HYGIENE CONSIDERATIONS	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## 9. Physical and Chemical Properties

Appearance:	Liquid BROWN
Colour:	opaque BROWN
Odour:	odourless
Odour threshold:	NOT applicable
pH:	7-9
Melting point/freezing point:	NOT applicable
Boiling point:	NOT applicable
Flash point:	113 ° C / 235 ° F
Evaporation rate :	NO DATA AVAILABLE
Flammability:	NON-FLAMMABLE (stable inorganic salt))
Upper flammability limit:	NON-FLAMMABLE
Lower flammability limit:	NON-FLAMMABLE
Vapour pressure:	NOT applicable (inorganic substance, vapour pressure negligible)
Vapour Density:	NOT applicable
Specific Gravity:	0.87-0.92
Bulk density:	NOT applicable
Water solubility:	Miscible with water in all proportions

<b>PARTITION COEFFICIENT:</b>	<b>NOT applicable (INORGANIC SUBSTANCE)</b>
<b>AUTO-IGNITION TEMPERATURE:</b>	<b>NOT applicable (NON-FLAMMABLE)</b>
<b>DECOMPOSITION TEMPERATURE:</b>	<b>NO DATA AVAILABLE</b>
<b>VISCOSITY, DYNAMIC:</b>	<b>NOT applicable</b>
<b>EXPLOSIVE PROPERTIES:</b>	<b>NON-EXPLOSIVE (VOID OF CHEMICAL GROUPS ASSOCIATED WITH EXPLOSIVE PROPERTIES)</b>
<b>Oxidising properties:</b>	<b>NON-oxidising (BASED ON THE CHEMICAL STRUCTURE OF THE SUBSTANCE AND THE OXIDATION STATE OF THE CONSTITUENT ELEMENT)</b>

## 10. Stability AND Reactivity

<b>Reactivity</b>	<b>No data available</b>
<b>Chemical stability</b>	<b>Stable UNDER RECOMMENDED STORAGE CONDITIONS.</b>
<b>Possibility of HAZARDOUS REACTIONS</b>	<b>NONE UNDER NORMAL PROCESSING.</b>
<b>CONDITIONS TO AVOID</b>	<b>HEAT, FLAMES AND SPARKS.</b>
<b>INCOMPATIBLE MATERIALS</b>	<b>NONE KNOWN BASED ON INFORMATION SUPPLIED.</b>
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	<b>CARBON MONOXIDE. CARBON dioxide (CO2). Hydrocarbons.</b>

## 11. Toxicology INFORMATION

### INFORMATION ON likely ROUTES of EXPOSURE

**PRODUCT INFORMATION**      **No data available**

**INHALATION**      **No data available.**

**EYE CONTACT**      **No data available.**

**SKIN CONTACT**      **No data available.**

**INGESTION**      **No data available.**

<b>CHEMICAL NAME</b> <b>ROsin 8050-09-7</b>	<b>ORAL LD50</b> <b>= 7600 mg/kg ( RAT ) = 3</b> <b>mg/kg ( RAT )</b>	<b>DERMAL LD50</b> <b>&gt; 2500 mg/kg ( Rabbit )</b>	<b>INHALATION LC50</b> <b>= 1.5 mg/L ( RAT ) 4 h</b>
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### INFORMATION ON TOXICOLOGICAL EFFECTS

**SYMPTOMS**      **No information available.**

**Delayed AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE**

#### **SENSITIZATION**

**GERM CELL MUTAGENICITY** No information or data specific to the product on this toxicological (health) effect is available.

**CARCINOGENICITY** No information or data specific to the product on this toxicological (health) effect is available.

**REPRODUCTIVE TOXICITY** No information or data specific to the product on this toxicological (health) effect is available.

**STOT - SINGLE EXPOSURE** No information or data specific to the product on this toxicological (health) effect is available.

**STOT - REPEATED EXPOSURE** No information or data specific to the product on this toxicological (health) effect is available.

**TARGET ORGAN EFFECTS** Eyes, Respiratory system, Thyroid.

**ASPIRATION HAZARD** No information or data specific to the product on this toxicological (health) effect is available.

#### **NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION**

The following values are calculated based on chapter 3.1 of the GHS document . mg/kg

## **12. Ecological Information**

#### **ECOTOXICITY**

**PERSISTENCE AND DEGRADABILITY** No information available.

**BIOACCUMULATION** No information available.

**OTHER ADVERSE EFFECTS** No information available

## **13. Disposal Considerations**

#### **WASTE TREATMENT METHODS**

**DISPOSAL OF WASTES** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**CONTAMINATED PACKAGING** DO NOT REUSE CONTAINER.

## **14. Transport Information**

#### **DOT**

NOT REGULATED AS DANGEROUS GOODS.

#### **IATA**

NOT REGULATED AS DANGEROUS GOODS.

#### **IMDG**

NOT REGULATED AS DANGEROUS GOODS.

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

AICS    YES  
DSL    YES  
NDSL   No  
IECSC   YES  
EINECS YES

ELINCS No  
ENCS   No  
KECL   YES  
PICCS   YES  
TSCA   YES  
NZIoC   YES

### LEGEND:

AICS - AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

DSL/NDSL - CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST

IECSC - CHINA INVENTORY OF EXISTING CHEMICAL SUBSTANCES

EINECS/ELINCS - EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES/EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES

ENCS - JAPAN EXISTING AND NEW CHEMICAL SUBSTANCES

KECL - KOREAN EXISTING AND EVALUATED CHEMICAL SUBSTANCES

PICCS - PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES TSCA - UNITED STATES TOXIC SUBSTANCES CONTROL

ACT SECTION 8(b) INVENTORY NZIoC - NEW ZEALAND INVENTORY OF CHEMICALS

### US FEDERAL REGULATIONS

#### SARA 313

SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372

#### SARA 311/312 HAZARD CATEGORIES

ACUTE HEALTH HAZARD    YES  
CHRONIC HEALTH HAZARD   No  
FIRE HAZARD    No  
SUDDEN RELEASE OF PRESSURE HAZARD No  
REACTIVE HAZARD   No

#### CERCLA

THIS MATERIAL, AS SUPPLIED, DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS HAZARDOUS SUBSTANCES UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) (40 CFR 302) OR THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) (40 CFR 355). THERE MAY BE SPECIFIC REPORTING REQUIREMENTS AT THE LOCAL, REGIONAL, OR STATE LEVEL PERTAINING TO RELEASES OF THIS MATERIAL

## 16. OTHER INFORMATION

NFPA	HEALTH HAZARDS 2	FLAMMABILITY 1	INSTABILITY 0	PHYSICAL AND CHEMICAL PROPERTIES -
HMIS	HEALTH HAZARDS 2	FLAMMABILITY 1	PHYSICAL HAZARDS 0	PERSONAL PROTECTION X

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**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.**