



BCS FLUIDS, LLC

SAFETY DATA SHEET

1. Identification

PRODUCT IDENTIFIER	BORELUBE B
RECOMMENDED USE	NOT AVAILABLE
RECOMMENDED RESTRICTIONS	NOT AVAILABLE
MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION	

COMPANY NAME	BCS Fluids, LLC
COMPANY ADDRESS	P.O. Box 1120 MANDENVILLE, LA 70471
TELEPHONE	985-893-6600
EMERGENCY PHONE	855-BCS-Fluids
WEBSITE	www.BCSFluids.com

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



DANGER

HAZARD STATEMENTS

MAY CAUSE CANCER

EMERGENCY OVERVIEW

APPEARANCE	clear
PHYSICAL STATE	liquid
ODOR	CHARACTERISTIC

PRECAUTIONARY STATEMENTS - PREVENTION

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood Use personal protective equipment as required

Precautionary Statements - Response
IF EXPOSED OR CONCERNED: GET medical advice/attention

Precautionary Statements - Storage
STORE locked up

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
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	60-100 *	

*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

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DIKE FAR AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

METHODS FOR CLEANING UP

USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. DAM UP. COVER LIQUID SPILL WITH SAND, EARTH 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

**AVOID CONTACT WITH SKIN, EYES OR CLOTHING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.
ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. IN CASE OF INSUFFICIENT**

VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE CONDITIONS

KEEP IN PROPERLY LABELED CONTAINERS. KEEP CONTAINERS TIGHTLY CLOSED IN A COOL, WELL-VENTILATED PLACE. KEEP FROM FREEZING.

INCOMPATIBLE MATERIALS

NONE KNOWN BASED ON INFORMATION SUPPLIED

8. Exposure Controls/ Personal Protection

CONTROL PARAMETERS

Appropriate engineering controls

ENGINEERING CONTROLS

SHOWERS EYEWASH
STATIONS
VENTILATION SYSTEMS.

Individual protection measures, such as personal protective equipment

Eye/Face protection

WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR 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 clear

Colour:

yellow

Odour:

odourless

Odour threshold:

NOT APPLICABLE

pH:

7-9

Melting point/freezing point:

NOT APPLICABLE

Boiling point:

NOT APPLICABLE

Flash point:

110 ° C / 230 ° 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
Partition coefficient:	NOT applicable (inorganic substance)
Auto-ignition temperature:	NOT applicable (non-flammable)
Decomposition temperature:	NO DATA AVAILABLE
Viscosity, dynamic:	NOT applicable
Explosive properties:	NON-EXPLOSIVE (void of chemical groups associated with explosive properties)
Oxidising properties:	NON-oxidising (based on the chemical structure of the substance and the oxidation state of the constituent element)

10. Stability AND Reactivity

Reactivity	NO DATA AVAILABLE
Chemical stability	STABLE UNDER RECOMMENDED STORAGE CONDITIONS.
Possibility of Hazardous Reactions	NONE UNDER NORMAL PROCESSING.
Conditions to avoid	HEAT, FLAMES AND SPARKS.
Incompatible materials	NONE KNOWN BASED ON INFORMATION SUPPLIED.
Hazardous Decomposition Products	CARBON MONOXIDE. CARBON DIOXIDE (CO2). HYDROCARBONS.

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.**

INFORMATION ON TOXICOLOGICAL EFFECTS

SYMPTOMS **NO INFORMATION AVAILABLE.**

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

SENSITIZATION **NO INFORMATION OR DATA SPECIFIC TO THE PRODUCT ON THIS TOXICOLOGICAL (HEALTH) EFFECT IS AVAILABLE**
GERM CELL MUTAGENICITY **NO INFORMATION OR DATA SPECIFIC TO THE PRODUCT ON THIS TOXICOLOGICAL (HEALTH) EFFECT IS AVAILABLE.**

CARCINOGENICITY The table below indicates whether each agency has listed any ingredient as a carcinogen.

This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Distillates (petroleum), hydrotreated light naphthenic 64742-53-6	A2	Group 1	-	X

ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS)

A2 - SUSPECTED HUMAN CARCINOGEN

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)

Group 1 - CARCINOGENIC TO HUMANS

OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE US DEPARTMENT OF LABOR)

X - PRESENT

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.

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

NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION

12. Ecological Information

ECOTOXICITY

CHEMICAL NAME FISH

Distillates (petroleum), hydrotreated light naphthenic 5000 mg/L LC50 96 h Oncorhynchus mykiss

CHEMICAL NAME CRUSTACEA

Distillates (petroleum), hydrotreated light naphthenic 1000 mg/L EC50 48 h Daphnia magna

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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