

SECTION - 1

SAFFTY DATA SHFFT

Heavy Duty Spin Bonnet Solution Revision Date 1/5/2016

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Heavy Duty Spin Bonnet Solution ITEM SBHD

PRODUCT USE Non-Residual Bonnet Cleaner

COMPANY NAME Core Products Co., Inc. Office (800) 825-2673

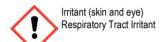
401 Industrial Rd Fax (903) 567-1346

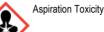
Canton TX 75103 Web www.coreproductsco.com

EMERGENCY TELEPHONE NUMBER CHEMTREC (800) 424-9300

SECTION – 2 HAZARDS INFORMATION

EYES-Category 2A; SKIN-Category 2; STOT SINGLE EXPOSURE-Category 3





WARNING

Health Hazards

Causes serious eye irritation, Causes skin irritation, May be fatal if swallowed and enters airways, May cause respiratory

irritation

May be harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of mist, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment

SECTION - 3 **COMPOSITION INFORMATION** (Exact percentage of the listed chemicals of composition has been withheld as a trade secret) **CHEMICAL NAME COMMON NAME AND SYNONYMS** CAS# **IMPURITIES PERCENT** 1 - 20% Glycol Ether PnB 1-Butoxy-2-propanol 5131-66-8 < 5% 1-propanol-2-butoxy 2-butoxyethanol Ethylene Glycol Monobutyl Ether 111-76-2 1 - 25%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact

lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid

SKIN CONTACT Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If

irritation occurs or persists seek medical aid

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical

attention

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to

dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the

lungs

Aspiration Hazard Aspiration into the lungs can cause severe lung damage and is a medical emergency. Never give anything by mouth to

an unconscious person. Call a physician or hospital emergency room immediately, If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe

closely for adequacy of breathing

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause serious eye irritation, by direct product contact or mists

Skin Can cause skin irritation, redness, drying or cracking
Inhalation Spray mist may cause mild irritation, to respiratory tract

Ingestion May be harmful if swallowed, Can be harmful if swallowed and enters airways

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation, redness, tearing, or pain, by direct product contact or mists

Skin Can cause skin irritation, defatting of the skin which may lead to dermatitis

Inhalation Spray mist may cause irritation, to respiratory tract

Ingestion May be harmful if swallowed, May be fatal if swallowed and enters airways, Ingestion may affect, liver, kidneys, blood,

central nervous system

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media Not flammable: Use extinguishing media for surrounding fire

Hazardous Decomposition Burning or thermal decomposition can produce, aldehydes, carbon monoxide, carbon dioxide, ketones, organic

acids, and other toxic fumes

Reactive With Reactive with, strong oxidizing agents, strong bases, strong acids

Explosion Hazards Not applicable
Static Discharge Not applicable
Mechanical Impact Not applicable

Protective Equipment Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures Warn personnel of spill

Personal Precautions Avoid slipping on spilled product

Protective Equipment Safety Glasses, Gloves

Containment Use rags or towels to prevent spill from spreading

Disposal Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling Use appropriate safety equipment, Avoid eye and skin contact, Avoid inhalation of mist, Do not smoke, eat or

drink while using, Wash thoroughly after handling, Avoid release to the environment, Triple rinse container

before discarding

Storage KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible

materials, Store away from heat sources

Incompatible Materials Incompatible with, strong oxidizing agents, strong bases, strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS					Significant
CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Exposure
Glycol Ether PnB	50 ppm				
2-butoxyethanol	20 ppm		50 ppm (240 mg/m ³)		SA

PERSONAL PROTECTIVE EQUIPMENT



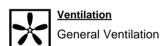
Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



(Recommended)



HMIS HAZARD RATINGS

Health
Flammability
Reactivity
Personal Protection

2 0 B

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	> 93.3°C (200°F) - TAG Closed Cup	Specific Gravity / Density	0.959
Flammable Limits	ND	pH (± 0.3)	9.0 - 9.5
Auto-Ignition Temp.	ND	Viscosity	ND
Physical State	Liquid	Freeze Point	0°C (32°F)
Appearance	Clear	Boiling Point	100°C (212°F)
Odor	Sassafras	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mm Hg)	ND
Solubility	100%	Evaporation Rate (nBuAc=1)	ND
Volatiles	< 99.6	Partition Coefficient	ND
VOC	< 3.9 @ 1:10 dilution	Molecular Weight (g/mol)	~ 60.41
LVP-VOC	0.00%	Decomposition Temperature	ND

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SECTION - 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data) None available

Chemical Stability Stable at normal ambient temperature and pressure

Hazardous Polymerization Will not occur

Conditions To Avoid Incompatible materials

Incompatible Materials Incompatible with, strong reducing agents, strong bases, strong acids

Thermal Decomposition Burning or thermal decomposition can produce, aldehydes, carbon monoxide, carbon dioxide, ketones, organic

acids, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

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central nervous system

Acute Tox Calculated Oral: 2,581 mg/kg Dermal: 4,636 mg/kg Inhaled: 10.7 mg/L

Acute Tox Category Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >5 mg/L) Dust or Mist

Additional Info

Target Organs Kidneys, Liver, Respiratory Tract, Eyes (Lens or cornea), Skin, Central Nervous System

Medical Conditions Preexisting, eye, liver, kidney, central nervous system, respiratory, disorders may be aggravated by exposure to this

product

Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

CHEMICAL NAMENTPACGIHIARCGHS CategoryNone ListedNANANANA

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

CHEMICAL NAME Germ Cell Mutagenicity Toxic to Reproduction

None Listed NA NA

COMPONENTS ACUTE TOXICITY

CHEMICAL NAME	<u>Type</u>	<u>Form</u>	<u>Subject</u>	Result Value	Exposure Time	GHS Category
2-butoxyethanol	LD50	Oral	Rat	530 mg/kg		4 (>300, ≤2000 mg/kg)
	LC50	Inhaled	Rat	2.17 mg/L	4 Hours (Mist)	4 (>1.0, ≤5 mg/L)
	LD50	Dermal	Guinea Pig	1650 mg/kg		4 (>1000, ≤2000 mg/kg)
Glycol Ether PnB	LD50	Oral	Rat	5,009 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rat	> 2,000 mg/kg		(>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

CHEMICAL NAME	<u>Type</u>	Subject Subject Latin	Result Value	Exposure Time	GHS Category
2-butoxyethanol	EC50	Water Flea (Daphnia magna)	1,815 mg/L	24 Hours	4 (>100 mg/L)
	LC50	Bluegill (Lepomis macrochirus)	220 mg/L	96 Hours	4 (>100 mg/L)
Glycol Ether PnB	LC50	Guppy (Poecilia reticulata)	560 mg/L	96 Hours	4 (>100 mg/L)
	LC50	Fish (Leuciscus idus)	> 1,000 mg/L	96 Hours	4 (>100 mg/L)

Presistence And Degradability This product is inherently biodegradable according to the OECD definition

Bioaccumulative Potential There is no evidence to suggest bioaccumulation will occur

Mobility In SoilThis material is a mobile liquidOther Adverse EffectsMay be harmful to aquatic life

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER $\ensuremath{\mathsf{N}}$

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste

CONTAINER DISPOSAL - Triple rinse container then offer for recycling. If not available, puncture and dispose in a sanitary landfill

SECTION – 14 TRANSPORT INFORMATION

DOT CLASSIFICATION

<u>UN Number</u> <u>Proper Shipping Name</u> <u>n.o.s. (Chemicals) or "Limits"</u>

Not Regulated Non Hazardous – Compounds Cleaning Liquid

<u>Hazard Class</u> <u>Packing Group</u> <u>Label Codes</u> <u>Reportable Quantity (lbs)</u> <u>Response</u> <u>Marine Pollutant</u> <u>Hazard Label</u> <u>Secondary</u>

None None None 154 No

Additional Info:

SECTION - 15 REGULAT	ORY INFORMATION								
<u>TSCA</u>									
CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) He	ealth And Safety	Se	ec 4(a) Chemica	al Test Rules	Sec 12(b) Expor	t Notification
Glycol Ether PnB	Yes								
2-butoxyethanol	Yes		Yes						
REPORTABLE QUANTITIES	Extremely	Hazardous	Reportab	e Quantity	Emission Re	porting			
CHEMICAL NAME	EPCRA TPQ Sec 302	EPCRA RQ Sec	304 CERCLA	CERCLA RQ Sec 103 TRI Sec 313		313	13 RCRA Code		7 TQ Sec 112
Glycol Ethers					Yes				
SARA	Section 31	1		Section	on 311 / 312	Hazards			
CHEMICAL NAME	Hazardous Che	emical /	Acute	Chronic	Flamı	mable	Pressure		Reactive
Glycol Ether PnB	Yes		Yes		Y	es			
2-butoxyethanol	Yes		Yes	Yes	Y	es			
RIGHT TO KNOW			STAT	Έ					
CHEMICAL NAME	CA CT	FL IL	LA NJ	NY	PA	MI IM	N MA	RI	WI
Glycol Ether PnB				Yes	Yes				
2-butoxyethanol			Yes	3	Yes		Yes		
CALIFORNIA		WARNING! This	s product con	tains chem	icals known	to the stat	te of Califori	nia to c	ause:
CHEMICAL NAME	CAS#	Birth Defects	Reprod	uctive Har	m C	arcinogen	I	Develo	omental
None Listed									
CLEAN AIR WATER ACTS		Clean Air Acts	s			Clear	n Water Acts	i	
CHEMICAL NAME	CAS#	HAP	Ozone Class	1 Ozor	ne Class 2	HS	PP	•	TP
None Listed									
INTERNATIONAL REGULATION	IS - The components of	this product are li	isted on the che	emical inve	ntories of the	following co	ountries:		
CHEMICAL NAME	Australia	Canada	Europe (E	INECS)	Japan		Korea		UK
Glycol Ether PnB	Yes	Yes	Ye	5	Yes		Yes		Yes
2-butoxyethanol	Yes	Yes	Ye	8	Yes		Yes		Yes
WHMIS Classification									
CHEMICAL NAME	DSL	Class Descr	ription						
2-butoxyethanol	Yes	D-2B Mater	rials Causing	Other Tox	ic Effects; T	oxic Mate	rial		

1/5/2016

SECTION - 16 **OTHER INFORMATION**

SDS	LEGEND DESCRIPTION		
ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NFPA	National Fire Protection Association
EPA	Environmental Protection Agency	NIOSH	National Institute for Occupational Safety and Health
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NE	Not Established
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous air pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety Glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours)
KD	Kidney Damage (nephropathy)	UEL	Upper Explosive Limit

Heavy Duty Spin Bonnet Solution

Core Products Co., Inc.

and nCites LLC have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

Print Date 1/22/2016

Supersedes Safety Data Sheet Dated