



# SAFETY DATA SHEET

New Car Solvent

Revision Date

5/22/2015

## SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** New Car Solvent **PRODUCT USE** Cleaning **BLN** 5158  
**COMPANY NAME** Buckley Oil Company **Office** (214) 421-4147  
 2900 Kemp Ranch Crossing **Fax** (214) 428-4566  
 Midlothian TX 76065 **Web** [www.buckleyoil.com](http://www.buckleyoil.com)  
**EMERGENCY TELEPHONE NUMBER** **INFOTRAC** **(800) 535-5053**

## SECTION – 2 HAZARDS INFORMATION

**Physical Hazards** FLAMMABLE LIQUIDS-Category 2  
**Health Hazrds** EYES-Category 2B; SKIN-Category 2; STOT SINGLE EXPOSURE-Category 3; STOT REPEAT EXPOSURE-Category 2; ASPIRATION-Category 1; CARCINOGENS-Category 2



Flammables



Irritant (skin and eye)  
Narcotic Effects  
Respiratory Tract Irritant



Aspiration Toxicity  
Carcinogen  
Target Organ Toxicity

**DANGER!** Highly flammable liquid and vapor, Vapors may cause flash fire, Keep away from heat, sparks, open flames or hot surfaces Causes eye irritation, Causes skin irritation, Harmful if inhaled, Harmful if swallowed, May be fatal if swallowed and enters airways, May cause damage to organs, through prolonged or repeated exposure, May cause respiratory irritation and/or drowsiness or dizziness, Do not get in eyes, on skin, or clothing, and avoid inhalation, Do not smoke, eat or drink while using, Use proper Safety Equipment, Wash thoroughly after handling, Avoid release into the environment Suspected of causing cancer

## 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
Heptane	Comm Heptane, Heptane (B) Borger Low Aromatic	426260-76-6	n-Heptane <4%	50 - 60%
Mineral Spirits	Solvent Naphtha, Medium, Aliphatic	64475-85-0		20 - 40%
Xylene	C8 Aromatic Hydrocarbon Solvent	1330-20-7	Ethylbenzene < 30%	10 - 20%

## 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 obtain immediate medical attention, preferably from an ophthalmologist

**SKIN CONTACT** Immediately wash contaminated skin with a nonabrasive soap and plenty of water for at least 15 minutes, Remove any contaminated clothing and wash before reuse, If irritation is present or occurs obtain medical attention

**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 water. Contact a physician or poison control center immediately. 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, If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into the lungs, Never give anything by mouth to an unconscious person. Call a physician or hospital emergency room immediately

### ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

**Eyes** Can cause eye irritation, discomfort, redness, tearing, or pain, by direct product contact or mists

**Skin** Can cause skin irritation, redness, drying or cracking

**Inhalation** Harmful if inhaled, Can cause irritation, to respiratory tract, and may cause, central nervous system depression

**Ingestion** Harmful if swallowed, Can cause irritation, of the mouth, throat, and may affect target organs, May cause lung damage if swallowed

### CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

**Eyes** Causes eye irritation, redness, tearing, or pain, by direct product contact, mist or vapors

**Skin** Causes skin irritation, Skin absorption may affect target organs, central nervous systems

**Inhalation** Harmful if inhaled, Mist or vapor can cause irritation, to respiratory tract, Symptoms may include, nausea, headache, dizziness, drowsiness, central nervous system depression, cardiac depression, and may affect target organs

**Ingestion** Harmful if swallowed, May be fatal if swallowed and enters airways, May affect target organs, liver, kidneys, central nervous system, cardiovascular system

**SECTION – 5 FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	SUITABLE Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials UNSUITABLE Avoid using a water stream. Product will float upon water and could spread any fire
<b>Hazardous Decomposition</b>	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, unburned hydrocarbons, and other toxic fumes
<b>Reactive With</b>	Reactive with, strong oxidizing agents, strong acids, alkalis
<b>Explosion Hazards</b>	May explode if ignited in an enclosed area. Flashback along vapor trail may occur
<b>Static Discharge</b>	Expected to ignite product
<b>Mechanical Impact</b>	Not expected to ignite product
<b>Protective Equipment</b>	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

**FLAMMABLE LIQUIDS HAZARD CLASSIFICATION**

Criteria Flash point < 23°C (73°F) and initial boiling point > 35°C (95°F)  
 NFPA Class I B  
 GHS Category 2  
 WHMIS Class B-2

**NFPA HAZARD RATINGS**

Health 2  
 Flammability 3  
 Reactivity 0  
 Personal Protection FBG

**SECTION – 6 ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures</b>	Warn personnel to move away and stay upwind from spill
<b>Personal Precautions</b>	Eliminate ignition sources and ventilate area
<b>Protective Equipment</b>	Safety Glasses, Chemical Gloves, Approved Respirator, Chemical Apron and Rubber Boots
<b>Containment</b>	Cover or dike any floor drains with an inert material to prevent product from entering the environment or spreading
<b>Clean Up Procedures</b>	Use sand or inert non-combustible absorbent pads or material and place in a chemical waste disposal container
<b>Disposal</b>	Dispose of material in accordance with all State and Federal Guidelines and Regulations

**SECTION – 7 HANDLING AND STORAGE**

<b>Handling</b>	DANGER, FLAMMABLE LIQUID, Keep away from incompatible materials, heat, sparks, electrical equipment, fire and all ignition sources, Use appropriate safety equipment, and adequate ventilation, Avoid eye and skin contact, Avoid inhalation of mist, vapors or fumes, May cause respiratory irritation and/or drowsiness or dizziness, Harmful if inhaled, Harmful if swallowed, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment, Avoid free fall of liquid, Ground containers when transferring, Empty containers are very hazardous, Do not flame cut, saw or drill. Refer to NFPA-704 and/or API RP 2003 for specific bonding/grounding requirements
<b>Storage</b>	Keep container closed when not in use, Store in a well-ventilated area and away from incompatible materials, Store away from heat, sparks, open flames or hot surfaces, Vapors may spread long distances and ignite explosively, Store below 49°C (120°F) and in accordance with Class 1B Flammable Liquids (GHS Category 2)
<b>Incompatible Materials</b>	Incompatible with, strong oxidizing agents, strong acids, alkalis

**SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE LIMITS**

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA8)	OSHA (CEIL)	Significant Exposure
Heptane	400 ppm	500 ppm	400 ppm (1600mg/m <sup>3</sup> )	500 ppm (2000mg/m <sup>3</sup> )	RT,CNS
Mineral Spirits	100 ppm (525mg/m <sup>3</sup> )		500 ppm (1900mg/m <sup>3</sup> )		
Xylene	100 ppm	150 ppm	100 ppm (435mg/m <sup>3</sup> )	150 ppm (655mg/m <sup>3</sup> )	RT,CNS

**PERSONAL PROTECTIVE EQUIPMENT**

Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



MSHA/NIOSH Approved Respirator At or Above Listed TLV's



Impervious Protective Clothing



Eye Wash and Safety Shower (Recommended)

**Ventilation**

Ventilate to keep vapors of this material below the lowest ppm listed above. If over Threshold Limit Value use a MSHA / NIOSH approved respirator  
 "Consulting with a Safety Equipment Supplier is recommended"

**HMIS HAZARD RATINGS**

Health 2  
 Flammability 3  
 Reactivity 0  
 Personal Protection H



**SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Flash Point</b>	-4.0°C (24.8°F) - TAG Closed Cup	<b>Specific Gravity / Relative Density</b>	0.740
<b>Flammable Limits</b>	Lower: 1.1%, Upper: 7%	<b>Molecular Weight</b>	116.03
<b>Auto-Ignition Temp.</b>	223°C (433.4 °F)	<b>Viscosity</b>	ND
<b>Physical State</b>	Liquid	<b>Boiling Range</b>	ND
<b>Appearance</b>	Clear	<b>Vapor Pressure</b>	ND
<b>Odor</b>	Solvent	<b>Vapor Density</b>	ND
<b>Odor Threshold</b>	ND	<b>Freeze Point</b>	ND
<b>Solubility</b>	< 1%	<b>Melting Point</b>	ND
<b>Volatiles</b>	100%	<b>Partition Coefficient</b>	ND
<b>VOC</b>	100%	<b>Decomposition Temperature</b>	ND
<b>pH (± 0.3)</b>	NA	<b>Evaporation Rate</b>	ND

**SECTION – 10 STABILITY AND REACTIVITY**

<b>Reactivity (Specific Test Data)</b>	None available
<b>Chemical Stability</b>	Stable when stored below 49°C (120°F)
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions To Avoid</b>	Heat sources, sparks, flame or static discharge and incompatible materials
<b>Incompatible Materials</b>	Incompatible with, strong oxidizing agents, strong acids, alkalis
<b>Thermal Decomposition</b>	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, unburned hydrocarbons, and other toxic fumes

**SECTION – 11 TOXICOLOGICAL INFORMATION****ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes "Aspiration Hazard"), Inhalation (Yes "Mist, Vapor or Fumes")

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

<b>Eyes</b>	Can cause eye irritation, discomfort, redness, tearing, or pain, by direct product contact or mists
<b>Skin</b>	Can cause skin irritation, redness, drying or cracking
<b>Inhalation</b>	Harmful if inhaled, Can cause irritation, to respiratory tract, and may cause, central nervous system depression
<b>Ingestion</b>	Harmful if swallowed, Can cause irritation, of the mouth, throat, and may affect target organs, May cause lung damage if swallowed

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

<b>Eyes</b>	Causes eye irritation, redness, tearing, or pain, by direct product contact, mist or vapors
<b>Skin</b>	Causes skin irritation, Skin absorption may affect target organs, central nervous systems
<b>Inhalation</b>	Harmful if inhaled, Mist or vapor can cause irritation, to respiratory tract, Symptoms may include, nausea, headache, dizziness, drowsiness, central nervous system depression, cardiac depression, and may affect target organs
<b>Ingestion</b>	Harmful if swallowed, May be fatal if swallowed and enters airways, May affect target organs, liver, kidneys, central nervous system, cardiovascular system
<b>Acute Tox Calculated</b>	<b>Oral:</b> 11,603 mg/kg <b>Dermal:</b> 2,514 mg/kg <b>Inhaled:</b> 46.5 mg/L
<b>Acute Tox Category</b>	"Not applicable (Oral > 2,000 mg/kg)", "Not applicable (Dermal > 2,000 mg/kg)", "Not applicable (Inhaled > 20 mg/L) Vapors"
<b>Additional Info</b>	NOTE: Intentional misuse by deliberately concentrating and inhaling this product can be harmful or fatal, NOTE: High pressure skin injections are SERIOUS MEDICAL EMERGENCIES. The injury may not appear serious at first, but within a few hours tissues will become swollen, discolored and extremely painful
<b>Target Organs</b>	Blood, Kidneys, Liver, Eyes (Lens or cornea), Skin, Auditory System, Cardiovascular System, Central Nervous System, Upper Respiratory Tract
<b>Medical Conditions</b>	Preexisting, skin, liver, kidney, central nervous system, blood, respiratory, cardiovascular, hearing, urinary system, disorders may be aggravated by exposure to this product
<b>Notes to Physician</b>	In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption, In case of skin injection, prompt debridement of the wound is necessary to minimize necrosis and tissue loss

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

<b><u>CHEMICAL NAME</u></b>	<b><u>NTP</u></b>	<b><u>ACGIH</u></b>	<b><u>IARC</u></b>	<b><u>GHS Category</u></b>
Ethylbenzene		A3 (Confirmed for animal)	2B (Possible for human)	2 (Suspected human)

**MUTAGENIC AND REPRODUCTIVE EFFECTS – May cause fetal and reproductive abnormalities.**

<b><u>CHEMICAL NAME</u></b>	<b><u>Germ Cell Mutagenicity</u></b>	<b><u>Toxic to Reproduction</u></b>
None Listed		

**SECTION – 11 TOXICOLOGICAL INFORMATION - CONTINUED****COMPONENTS ACUTE TOXICITY**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Xylene	LD50	Oral	Rat	4,300 mg/kg		(>2000 mg/kg)
	LD50	Inhaled	Rat	19.76 mg/L	4 Hours (Vapor)	4 (>10, ≤20 mg/L)
	LD50	Dermal	Rabbit	1,700 mg/kg		4 (>1000, ≤2000 mg/kg)
Mineral Spirits	LD50	Oral	Rat	20,500 mg/kg		(>2000 mg/kg)
	LC50	Inhaled	Rat	34.9 mg/L	4 Hours (Vapor)	(>20 mg/L)
	LD50	Dermal	Rabbit	8,700 mg/kg		(>2000 mg/kg)
Ethylbenzene	LD50	Oral	Rat	3,500 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rat	15,433 mg/kg		(>2000 mg/kg)
	LC50	Inhaled	Rat	27.50 mg/L	4 Hours (Vapor)	(>20 mg/L)
Heptane	LD50	Oral	Mouse	15,000 mg/kg		(>2000 mg/kg)
	LD50	Inhaled	Rat	103 mg/L	4 Hours (Vapor)	(>20 mg/L)
	LD50	Dermal	Rabbit	> 2,000 mg/kg		(>2000 mg/kg)

**SECTION – 12 ECOLOGICAL INFORMATION**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Xylene (mixed isomers)	EC50	Water Flea (Daphnia magna)	8.2 mg/L	96 Hours	2 (>1, ≤10 mg/L)
	LC50	Striped Bass (Morone saxatilis)	12 mg/L	96 Hours	3 (>10, ≤100 mg/L)
Mineral Spirits	LD50	Fathead Minnow (Pimephelas promelas)	45 mg/L	96 Hour	3 (>10, ≤100 mg/L)
	EC50	Water Flea (Daphnia magna)	21 mg/L	48 Hour	3 (>10, ≤100 mg/L)
Ethylbenzene	EC50	Water Flea (Daphnia magna)	1.8 mg/L	48 Hours	2 (>1, ≤10 mg/L)
Heptane	LC50	Goldfish (Carassius auratus)	4 mg/L	24 Hours	2 (>1, ≤10 mg/L)
	EC50	Water flea (Daphnia magna)	1.50 mg/L	48 Hours	2 (>1, ≤10 mg/L)

**Presistence And Degradability** Based on similar materials, this product will have a significant tendency to partition to air

**Bioaccumulative Potential** There is no evidence to suggest bioaccumulation will occur

**Mobility In Soil** No data available

**Other Adverse Effects** Toxic to aquatic life with long lasting effects

**SECTION – 13 DISPOSAL CONSIDERATIONS**

**DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER**

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

**ENVIRONMENTAL FATE**

This material as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its ignitability and due to the composition containing in some or all of its components.

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.

The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270. Disposal can only occur in properly permitted facilities.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

**SECTION – 14 TRANSPORT INFORMATION****D.O.T. CLASSIFICATION****UN Number**

UN 1993

**Proper Shipping Name** n.o.s. ( Chemicals ) or "Limits"

FLAMMABLE LIQUID n.o.s. ( Petroleum Distillates, Xylene, Heptane )

**Hazard Class**

3

**Packing Group**

II

**Label Codes**

Flammable Liquids

**Reportable Quantity (lbs)**

100

**Response Code**

128

**Marine Pollutant**

No

**Placard Label****Hazard Label****Secondary**

.

**SECTION – 15 REGULATORY INFORMATION****TSCA**

CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
Heptane	Yes			
Mineral Spirits	Yes			
Xylene	Yes			
Ethylbenzene	Yes			

**REPORTABLE QUANTITIES**

CHEMICAL NAME	Extremely Hazardous EPCRA TPQ Sec 302	Reportable Quantity EPCRA RQ Sec 304	Reportable Quantity CERCLA RQ Sec 103	Emission Reporting TRI Sec 313	RCRA Code	RMP TQ Sec 112r
Xylene			100	Yes	U239	
Ethylbenzene			1000	Yes		

**SARA**

CHEMICAL NAME	Section 311			Section 311 / 312 Hazards		
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive
Heptane	Yes	Yes	Yes	Yes		
Mineral Spirits	Yes	Yes		Yes		
Xylene	Yes	Yes	Yes	Yes		
Ethylbenzene	Yes	Yes	Yes	Yes		

**RIGHT TO KNOW**

CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Heptane						Yes		Yes				Yes	
Xylene						Yes		Yes				Yes	
Ethylbenzene						Yes		Yes				Yes	

**CALIFORNIA**

**WARNING! This product contains chemicals known to the state of California to cause:**

CHEMICAL NAME	CAS #	Birth Defects	Reproductive Harm	Carcinogen	Developmental
Ethylbenzene	100-41-4			Yes	
None Listed					

**CLEAN AIR WATER ACTS**

CHEMICAL NAME	CAS #	Clean Air Acts			Clean Water Acts		
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
Ethylbenzene	100-41-4	Yes			Yes	Yes	Yes
Xylene (All Isomers)	1330-20-7	Yes			Yes		

**INTERNATIONAL REGULATIONS** – The components of this product are listed on the chemical inventories of the following countries:

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
Heptane	Yes	Yes	Yes	Yes	Yes	Yes
Xylene	Yes	Yes	Yes	Yes	Yes	Yes
Ethylbenzene	Yes	Yes	Yes	Yes	Yes	Yes

**WHMIS Classification**

CHEMICAL NAME	DSL	Class	Description
Xylene, Mineral Spirits, Heptane	Yes	B-2	Flammable Liquids; Flashpoint < 37.8° C (100°F)
		D-2A	Materials Causing Other Toxic Effects; Very Toxic Material
		D-2B	Materials Causing Other Toxic Effects; Toxic Material

**SECTION – 16 OTHER INFORMATION****Standard Risk And Safety Phrases**

Code	Definition (R-Phrases / S-Phrases)
R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
R45	May cause cancer
R51	Toxic to aquatic organisms
R65	Harmful: may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness
S2	Keep out of the reach of children
S9	Keep container in a well-ventilated place
S15	Keep away from heat
S16	Keep away from sources of ignition - No smoking
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S38	In case of insufficient ventilation wear suitable respiratory equipment
S61	Avoid release to the environment
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible
S20/21	When using do not eat, drink or smoke
S24/25	Avoid contact with skin and eyes
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection

**SDS LEGEND DESCRIPTION**

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

**Buckley Oil Company**

and nCites, L.L.C. 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.