SAFETY DATA SHEET

800-255-3924 (Chem-Tel)

SECTION 1 - IDENTIFICATION

Product Identifier(s) SA904, SA904CN, SA904P Revision No.

Product Name SA904 Gun Bore Cleaner **Revision Date** May 24, 2013 Other Means of Identification None **Print Date** May 24, 2013

Identified Uses of the Product Removes leading and metal fouling from the gun bores of semi-automatic weapons

Restrictions on Use No restrictions identified

	MANUFACTURER DETAILS	DISTRIBUTOR DETAILS			
Company Name	Tri-Pac Inc	Company Name	Bushnell		
Address	17336 M-60 East	Address	9200 Cody		
	Vandalia MI 49095		Overland Park KC 66214		
Phone Number	269-476-2303	Phone Number	800-423-3537		
Fax Number	269-476-2302	Fax Number	913-752-3570		

SECTION 2 - HAZARDS IDENTIFICATION

GHS/CLP (1272/2008) Classification of the Substance or Mixture

HEALTH HAZARDS									
Acute Tox. Oral		Skin Irritation	1B	Skin Sensitization	1	Tox. To Reproduction		STOT SE	3
Acute Tox. Skin		Eye Irritation		Mutagenicity		Aspiration Hazard	1	STOT RE	
Acute Tox. Inhalation		Resp. Sensitization		Carcinogenicity					
PHYSICAL HAZARDS									
Unstable Explosive		Oxidizing Gas		Flammable Solid		Pyrophoric Solid		Oxidizing Solid	
Explosive		Gas Under Pressure		Self-Reactive Substance		Emits Flammable Gas		Organic Peroxide	
Flammable Gas		Refrigerated Liq. Gas		Pyrophoric Liquid		Oxidizing Liquid		Corrosive to Metal	
Aerosol		Flammable Liquid	1	Self-Heating Substance					
ENVIRONMENTAL HAZA	ARDS								
Aquatic Acute	1	Aquatic Chronic	1	Ozone Depleting					

GHS/CLP (1272/2008) Label Elements

Hazard Pictograms









Signal Word DANGER

Hazard Statements Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

Precautionary Statements

General Keep out of reach of children.

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Prevention Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/h

Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosive proof equipment and non-sparking tools. Take precautionary measures against static discharge. Do not breath fumes. Wash hands

thoroughly after handling. Avoid release to the environment.

ResponseIF SWALLOWED: Immediately call a poison center or physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Remove

contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do so. Continue rinsing. Seek medical attention immediately.

Storage Store in a well-ventilated place. Keep cool. Store locked up.

Disposal Dispose of container and contents in an environmentally safe manner.

Other Hazards Which Do Not Result In Classification

Hazards Not Applicable

Other Classifications

HMIS III Classification Health: 3 Flammability: 3 Physical Hazard: 0

NFPA Classification Health: 3 Flammability: 3 Reactivity: 0 Special Hazard: None

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	EINECS	INDEX NUMBER	% WT
1	Light Aromatic Solvent Naphtha	0064742-95-6	265-199-0	649-356-00-4	60 - 100
2	d-Limonene	0005989-27-5	227-813-5	601-029-00-7	10 - 30
3	Amyl Acetate	0000628-63-7	211-047-3	607-130-00-2	7 - 13
4	Ethanol	0000064-17-5	200-578-6	603-002-00-5	1 - 5
5	Oleic Acid	0000112-80-1	204-007-1		
6	Ammonium Hydroxide	0001336-21-6	215-647-6	007-001-01-2	1 - 5

SECTION 4 - FIRST-AID MEASURES

Description of First-Aid Measures

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek

medical attention immediately.

Skin Contact Remove with soap and water, rinsing and repeating for 15 minutes. Remove contaminated clothing.

IngestionImmediately call a poison center or physician. Rinse mouth. Do NOT induce vomiting.InhalationRemove victim to fresh air and keep at rest in a position comfortable for breathing.

First-Aid Responder Protection Wear adequate personal protective equipment based on the nature and severity of the emergency.

Most Important Symptoms and Effects, Both Acute and Delayed

Eye ContactLiquid contact may damage the eyes, causing pain along with severe eye irritation. **Skin Contact**Causes skin irritation and burns. Repeated exposure may cause skin dryness or cracking.

Ingestion May be fatal if swallowed and enters airways.

Inhalation May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.

Indication of Immediate Medical Attention and Special Treatment

Notes to Physician Treat symptomatically.

Specific Treatments/AntidotesDetails on specific treatments and/or antidotes are not available.

Immediate Medical Attention No information available.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Extinguishing Media Water, CO2, dry chemical, or universal aqueous film forming foam

Unsuitable Media Water jet
Specific Hazards Arising from the Chemical or Mixture

Decomposition ProductsDecomposition products may include oxides of carbon, nitrogen and/or sulfur as well as smoke, and/or vapors.

Hazards from the ProductContents extremely flammable. In a fire or if heated, a pressure increase will occur which may result in the container bursting.

Vapors heavier than air may spread along the ground and travel to an ignition source.

Mechanical Impact Sensitivity Probably not sensitive as material is stable.

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Static Discharge Sensitivity Vapors within the flammable limits may be ignited by a static discharge of sufficient energy.

Special Protection Actions for Fire-Fighters

Protective ActionsUse water spray to cool fire exposed containers, as contents may rupture from heat developed pressure.

Protective Equipment Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel No action shall be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and

unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate

ventilation only if it is safe to do so.

For Emergency RespondersUse personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

Environmental Precautions

Precautions Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning up

Containment Procedures Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.

Cleanup ProceduresAvoid breathing vapors and ventilate the area well. Remove sources of ignition and use non-sparking equipment. Soak up

material with inert absorbent and place in safety containers for proper disposal.

Other Information The North American Emergency Response Guidebook, the Australian Dangerous Goods-Initial Emergency Response Guide

(SAA/SNZ HB 76), or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or

fires involving dangerous goods.

Prohibited MaterialsCombustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling

General Handling Precautions KEEP OUT OF THE REACH OF CHILDREN.

Hygiene RecommendationsDo not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and

protective equipment before entering eating or smoking areas.

Conditions for Safe Storage Including And Incompatibilities

Storage Requirements In the United States, storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Outside

the United States conformance to local and/or federal codes should be observed. Keep containers tightly closed and stored in

 $a\ well-ventilated\ place.\ \textit{Keep away from sources of ignition}.$

Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe

manner and in accordance with governmental regulations.

Incompatibilities Segregate storage away from materials indicated in Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

			CAN	ADA			UNITED	D UNITED					
ID	AUSTRALIA	ALBERTA	ВС	ONTARIO	QUEBEC	GERMANY	JAPAN	MEXICO	KINGDOM		STA	TES	
	TWA	OEL	TWA	TWAEV	TWA	MAK	OEL	MPEL-PTA	WEL	OSHA PEL	NIOSH REL	NIOSH IDLH	ACGIH TLV
2						110 mg/m3							
3	50 ppm	100 ppm	50 ppm	50 ppm	50 ppm	270 mg/m3	50 ppm	100 ppm	50 ppm	100 ppm	100 ppm	1100 ppm	
4	1000 ppm	1000 ppm	1000 ppm	1000 ppm	1000 ppm	960 mg/m3		1000 ppm	1000 ppm	1000 ppm	1000 ppm	3300 ppm	1000 ppm
6										35 ppm		300 ppm	25 ppm

Bio	plogical Exposure Indices			
ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
	None established			

Appropriate Engineering Controls

Engineering MeasuresUse only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air

contamination below that of the lowest OEL from the table above.

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Not Available

Individual Protection Measures

Hygiene ConsiderationsAvoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of

children. Wash hands after use.

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Thermal Hazards This product does not present a thermal hazard.

Respiratory ProtectionAn approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne

concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance

with OSHA standard 29 CFR 1910.134 is necessary.

Skin Protection For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated

contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye/Face Protection Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact

with this material could occur, chemical splash proof goggles are recommended.

Other Protective EquipmentSafety showers and eye-wash stations should be available in the workplace near where the material will be used.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point > 78.4 °C (173.1 °F) **Melting / Freezing Point** > -114.2 °C (-173.5 °F) Flash Point > 12.8 °C (55.0 °F) **Decomposition Temperature** Not Available **Explosive Limits** 0.70% - 19.00% **Autoignition Temperature** 236.7 °C (458.0 °F) Flammability Class IB Liquid Relative Density (H2O = 1) 0.866 q/cc

Molecular Weight

Not Available

Vapor Pressure

146.640 mm Hg

Physical State

Not Available

Weight

7.228 lbs/gal

Not Available

Physical State

Not Available

Vapor Density

Partition Coefficient

Not Available

Viscosity 4.2 - 4.8 cP (mpa.s) Refractive Index

Odor / Odor Threshold Distinct Heat of Combustion Not Available

Appearance / Color Clear light to dark amber Water Solubility Not Available

 Percent Volatile
 93% Wt (93% Vol) Max
 VOC Content
 6.578 lbs/gal (786.009 g/L)

 Percent VOC
 92% Wt (92% Vol.) Max
 HAP Content
 None

Solids/Non Volatile Content 8% Wt (8% Vol) Max Maximum Incremental Reactivity 5.982 g O3/g

SECTION 10 - STABILITY AND REACTIVITY

Reactivity No specific test data related to reactivity is available for this product or its ingredients.

Chemical Stability This product is stable.

Hazardous ReactionsUnder normal conditions of storage and use, hazardous reactions are not expected to occur.

Conditions to Avoid Keep away from heat, sparks, flame, and red hot metal.

Material Incompatibility Acids, Alkali Metals, Ammonia, Bases, Dimethyl Sulfate, Halogens, Hydrogen Peroxide, Perchloric And Permonosulfuric Acids,

Strong Oxidizing Agents, Strong Reducing Agents

Decomposition Products Oxides of carbon

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

ID	ORAL LD50		DERMAL LD50		INHALATION LC50			
טו	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES	
1	8400 mg/kg	rat	4000 mg/kg	rabbit	> 14.4 mg/L	6h	rat	
2	6600 mg/kg	mouse	> 5000 mg/kg	rabbit				
3	6500 mg/kg	rat			> 3000 ppm	6h	rat	
4	7060 mg/kg	rat	> 15800 mg/kg	rabbit	> 32380 ppm	4h	rat	
5	25000 mg/kg	rat	> 3000 mg/kg	guinea pig				
6	350 mg/kg	rat			3670 ppm	4h	rat	

Skin Corrosion/IrritationAmmonium Hydroxide causes severe skin burns. D-Limonene causes skin irritation.

Eye Damage/IrritationNone of the ingredients are known to cause eye damage or irritation. **Respiratory Irritation**None of the ingredients are known to cause respiratory irritation.

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Respiratory or Skin Sensitization *d-Limonene may cause an allergic skin reaction.*

Germ Cell Mutagenicity None of the ingredients are known or suspected of causing genetic defects.

 Carcinogen Data
 None of the ingredients are known or suspected carcinogens.

 Reproductive Toxicity
 None of the ingredients are known to cause reproductive harm.

STOT-Single ExposureNone of the ingredients are known to cause specific target organ effects from a single exposure.

STOT-Repeated ExposureNone of the ingredients are known to cause specific target organ effects through prolonged or repeated exposure.

Aspiration Hazard Aromatic Naphtha may be fatal if swallowed and enteres airways.

Information on the Likely Routes of Exposure

Routes of Exposure Skin contact, absorption, eye contact, inhalation, ingestion.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Symptoms of ExposureAbdominal cramps, burning sensitation, central nervous system depression, cough, dermatitis, drowsiness, eye irritation,

headache, skin irritation, throat irritation, vomiting.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure

Delayed EffectsNo known delayed effects.Immediate EffectsNo known immediate effects.

Chronic Effects Not available.

Medical Conditions AggravateMay aggravate personnel with pre-existing disorders associated with any of the Target Organs.

Target OrgansBladder, central nervous system, eyes, female reproductive system, liver, lumphoid system, respiratory system, skin.

Interactive Effects

Synergistic Effects No known synergistic effects.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

ID		FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS	
עו	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD
1	LC50	320 mg/L	48h	EC50	170 mg/L	24h	EC50	56 mg/L	72h			
2	LC50	34 mg/L	96h	EC50	69.6 mg/L	48h						
3	LC50	65 mg/L	96h	EC0	180 mg/L		IC0	120 mg/L				
4	LC50	11000 mg/L	96h	EC50	10800 mg/L	24h	LOEC	1450 mg/L	8d	LOEC	6500 mg/L	16h
5	LC50	205 mg/L	96h									
6	LC50	0.093 mg/L	48h									

Ecological Data

ID		PERSISTENCE AND	DEGRADABILITY		BIOACCUMULA	TIVE POTENTIAL	MOBILITY
עו	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	Кос
1	_	_	_	_	2.10 log Pow	_	_
2	_	_	_	_	4.55 log Pow	3.23 log BCF	3.85 log Koc
3	_	0.72 mg/g	_	2.34 mg/g	2.3 log Pow	1.55 log BCF	1.59 log Koc
4	_	930 mg/g	1700 mg/g	2.19 mg/g	-0.31 log Pow	_	_
5	_	_	2.25 mg/g	2.78 mg/g	7.73 log Pow	10 BCF	5.24 log Koc
6	_	_	_	_	-2.99 log Pow	_	_

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste

stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal of Packaging

Consult with your local landfill to determine if empty small containers can be disposed of with regular trash. For disposal of large containers (typically 10 gallon or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.

Landfill Precautions Not Available
Incineration Precautions Not Available

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SECTION 14 - TRANSPORTATION INFORMATION

	DOT	ICAO/IATA	IMDG	ADR	TDG
ID Number	UN1993	UN1993	UN1993	UN1993	UN1993
Proper Shipping Name	Flammable Liquid, NOS (Contains Aromatic Naphtha), Limited Quantity				
Hazard Class(es)	3	3	3	3	3
Packing Group	11	II .	II	II .	11
Environmental Hazards	No	No	No	No	No
Special Precautions	Not Applicable				
Hazard Labels		FLAMMABLE 3 Y			UN1993

SECTION 15 - REGULATORY INFORMATION

United States - Federal Regulations

	TSCA	SARA 302						SARA 311/312			CLEAN A	AIR ACT	CLEAN
ID	LISTED	EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	ACUTE	CHRONIC	PRESSURE	HAP	SOCMI	WATER ACT
1	/							Yes					
2	/					Yes		Yes					
3	/			5000		Yes							5000
4	/					Yes							
5	/												
6	/			1000	2%			Yes					1000

United States - State Regulations

	CA	DE	MA		ME		MN		NJ		NY		PA	WA	WI	WV
ID	P-65	RQ	RTK CODES	TYPE	RQ	RTK	AIR	WATER	RTK	AIR	LAND	ACUTE	LISTED	PEL TWA	TABLE	TAP
3		5000	2,4,5,6 F8			AO				5000	1		Yes-E	100 ppm	Α	
4			2,4,5,6 *T1*			AO							Yes	1000 ppm		
5													Yes			
6		1000	F8							1000	100		Yes-E			

Canadian Regulations

	WHMIS CATEGORIES						CHEMICAL LISTS					
ID	Α	В	С	D1A	D1B	D2A	D2B	D3	E	DSL	NDSL	NPRI
1		В3					/			/		5
2		В3					/			1		5
3		В2								/		
4		B2					/			/		5
5										/		
6									/	/		

CPR Notice

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Classification WHMIS Symbols

B2,D1B,D2A,D2B,E



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European Union Regulations

	1907/2006	67/548/EEC		1272/2008	
ID	SVHC	CLASSIFICATION	HAZARD CODES	PICTOGRAM CODES	SUPPL. CODES
1		Xn	H304	GSH08,Dgr	
2		Xi; N	H226,H315,H317,H400,H410	GHS05,GHS07,GHS09,Dgr	
3			H226	GHS02,Wng	EUH066
4		F	H225	GHS02,Dgr	
6		C;N	H314,H400	GHS05,GHS09,Dgr	

Classification According to EU Directive 1999/45/EC or 67/548/ECC (see Section 16 for full text)

67/548/EEC Pictograms









Risk Phrases 11-34-38-50/53-65-66 **Safety Phrases** 2-16-36/37/39-45-60-61

International Regulations

Chemical Weapons Convention None of the ingredients are listed on the convention's schedules.

SECTION 16 - OTHER INFORMATION

Full Text of EU Phrases and Precautionary Statements

CODE	HAZARD STATEMENTS
H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H410	Very toxic to aquatic life with long last effects

CODE	SUPPLEMENTAL STATEMENTS
EUH066	Repeated exposure may cause skin dryness or cracking.

CODE	PRECAUTIONARY STATEMENTS
P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion proof equipment
P242	Use only non-sparking tools
P243	Take precautions against static discharge
P260	Do not breath fumes
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P284	Wear respiratory protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P204+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

CODE	RISK PHRASES
11	Highly flammable
34	Causes burns
38	Irritating to skin
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
65	Harmful: may cause lung damage if swallowed
66	Repeated exposure may cause skin dryness and cracking

CODE	SAFETY PHRASES
2	Keep away from children
16	Keep away from sources of ignition – no spoking
36/37/39	Wear suitable protective clothing, gloves and eye/face protection
45	In case of accident, or if you feel unwell, seek medical advice immediately
61	Avoid release to the environment
60	This material and its container must be disposed of as hazardous waste.

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SDS Revision History

Revision 1, 01/27/2010 - original Revision 2, 06/21/2012 - updated to include GHS and CLP information Revision 3, 05/24/2013 - updated to full GHS compliance

SDS Prepared By **Disclaimer of Liability** Hazard Communication Associates, sds@hazcom411.com

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

References and Sources

CAMEO Database of Hazardous Materials (http://cameochemicals.noaa.gov)

CHEMpendium Database (http://ccinfoweb.ccohs.ca/chempendium/search.html)

ChemSpider Chemical Database (http://chemspider.com) European Chemical Substances Information System (http://esis.jrc.ec.europa.eu)

European Chemical Substances Information System (http://esis.jrc.ec.europa.eu)
European Chemicals Agency (http://echa.europa.eu)
International Chemical Safety Cards (http://www.cdc.gov/niosh/ipcs/ipcscard.html)
IUCLID Chemical Data Sheets Information System (http://esis.jrc.ec.europa.eu/index.php?PGM=dat)
Merck Chemical Database (http://www.merckmillipore.co.uk/chemicals)
NIOSH Pocket Guide to Chemical Hazards (http://www.cdc.gov/niosh/npg/)
Right to Know Hazardous Substance Fact Sheets (http://web.doh.state.nj.us/rtkhsfs/indexfs.aspx)
RTECS Database (http://cinfoweb.ccohs.ca/rtecs/search.html)
SOLV-DB, Solvent Database (http://solvdb.ncms.org/solvdb.htm)
Toxic Substances Portal (http://www.atsdr.cdc.gov/toxprofiles/index.asp)
TOXNet (http://toxnet.nlm.nih.gov)

Abbreviations Used

ACGIH	American Conference of Industrial Hygienists	NDSL	Non-Domestic Substance List (Canada)
ADR	European Agreement International Carriage of Dangerous Goods by Road	NIOSH	National Institute for Occupational Safety and Health (USA)
BCF	Bioconcentration Factor	NJ	New Jersey '
BEI	Biological Exposure Index	NOEC	No Observed Effect Concentration
BOD	Biochemical Oxygen Demand	NPRI	National Pollutant Release Inventory (Canada)
CA	California	NTP	National Toxicity Program (USA)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (USA)	NY	New York
CFR	Code of Federal Regulations (USA)	OEL	Occupational Exposure Limit
CLP	Classification, Labelling and Packaging of Substances (Europe)	OSHA	Occupational Safety and Health Administration (USA)
COD	Chemical Oxygen Demand	P-65	Proposition 65 (USA)
CPR	Controlled Products Regulations (Canada)	PA	Pennsylvania
DE	Delaware	Pow	Octanol-Water Partition Coefficient
DOT	Department of Transportation (USA)	ppm	Parts per Million
DSL	Domestic Substance List (Canada)	nsig	Pounds per Square Inch Gage
EC	European Community	psig RCRA	Resource Conservation and Recovery Act (USA)
EC50	Effective Concentration 50%	REL	Recommended Exposure Limit
EHA	Extremely Hazardous Substance	RQ	Reportable Quantity
EPA	Environmental Protection Agency (USA)	RTK	Right to Know
	Grams per Cubic Centimeter	SARA	Superfund Amendments and Reauthorization Act (USA)
g/cc GHS	Globally Harmonized System	SDS	Safety Data Sheet
HAP	Hazardous Air Pollutant	SOCMI	Synthetic Organic Chemical Manufacturing Industry (USA)
IARC	International Agency for Research on Cancer	STOT-RE	Suspected Target Organ Toxin, Repeat Exposure
IATA	International Air Transporation Association	STOT-SE	Suspected Target Organ Toxin, Single Exposure
IC50	Half Maximal Inhibitory Concentration	SVHC	Substance of Very High Concern
ICAO	International Civil Aviation Organization	TAP	Toxic Air Pollutant
IDLH	Immediately Dangerous to Life and Health	TDG	Transportation of Dangerous Goods (Canada)
IMDG	International Maritime Dangerous Goods	ThOD	Theoretical Oxygen Demand
Kow	Octanol-Water Partition Coefficient	TLV	Threshold Limit Value
lbs/gal	Pounds per Gallon	TPQ	Threshold Planning Quantity
LC50	Lethal Concentration 50%	TSCA	Toxic Substances Control Act (USA)
LD50	Lethal Dosage 50%	TWA	Time Weighted Average
MA	Massacuettes	TWAEV	Time Weighted Average Exposure Value
MAK	Maximale Arbeitsplatz Konzentration (Maximum Workplace Concentration)	VOC	Volatile Organic Compound
Max	Maximum	WA	Washington
mg/L	Milligrams per Litre	WEL	Workplace Exposure Limit
mg/m3	Milligrams per Cubic Meter	WHMIS	Workplace Hazardous Materials Information System (Canada)
MŇ	Minnesota	WI	Wisconsin
MPEL-PTA	Maximum Permissible Exposure Limit on Pondered Time Average	WV	West Virginia