SAFETY DATA SHEET

GHEMSERVIGE

1. Identification

Product identifier	Bis(2-ethylhexyl)adipate Solution		
Other means of identification			
Item	S-11219J1		
Recommended use	For Laboratory Use Only		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/	Distributor information		
Manufacturer			
Company name	Chem Service, Inc.		
Address	660 Tower Lane		
	West Chester, PA 19380		
	United States		
Telephone	Toll Free	800-452-9994	
	Direct	610-692-3026	
Website	www.chemservice.com		
E-mail	info@chemservice.com		
Emergency phone number	Chemtrec US	800-424-9300	
	Chemtrec outside US	+1 703-527-3887	7
2. Hazard(s) identification			
-			

Physical hazards Flammable liquids Category 2 **Health hazards** Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Reproductive toxicity Category 2 Category 3 narcotic effects Specific target organ toxicity, single exposure Specific target organ toxicity, repeated Category 1 exposure Aspiration hazard Category 1 Hazardous to the aquatic environment, acute **Environmental hazards** Category 2 hazard Hazardous to the aquatic environment, Category 2 long-term hazard **OSHA** defined hazards Not classified.

.

Label elements



Danger

Signal word Hazard statement

Highly flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement	
Prevention	Obtain special instructions before use. 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 explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.
Storage	Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	ne and synonyms CAS number	
n-Hexane		110-54-3	99.99
Bis(2-ethylhexyl)adipate		103-23-1	0.01
L First-aid moasuros			

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing	Do not use water jet as an extinguisher, as this will spread the fire.

Unsuitable extinguishing media

Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.		
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.		
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.		
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.		
General fire hazards	Highly flammable liquid and vapor.		
6. Accidental release measures			
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental		

	contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
d materials for It and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Components	Туре		V	alue
n-Hexane (CAS 110-54-3)	PEL			800 mg/m3
			50	00 ppm
US. ACGIH Threshold Lin Components	nit Values Type		V	alue
n-Hexane (CAS 110-54-3)	TWA		50	0 ppm
US. NIOSH: Pocket Guide	to Chemical Hazards			
Components	Туре		V	alue
n-Hexane (CAS 110-54-3)	TWA		18	80 mg/m3
			50	0 ppm
Biological limit values				
ACGIH Biological Exposu Components	re Indices Value	Determinant	Specimen	Sampling Time
n-Hexane (CAS 110-54-3)	0.4 mg/l	2,5-Hexanedio n, without hydrolysis	Urine	*
* - For sampling details, ple	ase see the source docu	5 5		
xposure guidelines				
US - California OELs: Ski	n designation			
n-Hexane (CAS 110-54 US ACGIH Threshold Lim			absorbed thro	ugh the skin.
n-Hexane (CAS 110-54	4-3)	Can be	absorbed thro	ugh the skin.
Appropriate engineering controls	changes per hour) s applicable, use proc maintain airborne le	should be used. Ve cess enclosures, lo vels below recomn in airborne levels to	ntilation rates si cal exhaust ven nended exposui o an acceptable	Good general ventilation (typically 10 air hould be matched to conditions. If itilation, or other engineering controls to re limits. If exposure limits have not been level. Provide eyewash station. Eye wash
ndividual protection measure	s, such as personal pr	otective equipme	nt	
Eye/face protection	Chemical respirator	with organic vapor	cartridge and f	ull facepiece.
Skin protection Hand protection	Wear appropriate ch	nemical resistant gl	oves.	
Other	Wear appropriate ch	nemical resistant cl	othing. Use of a	an impervious apron is recommended.
Respiratory protection	Chemical respirator	with organic vapor	cartridge and f	ull facepiece.
Thermal hazards	Wear appropriate th	ermal protective cl	othing, when ne	ecessary.
General hygiene considerations	personal hygiene m	easures, such as w	ashing after ha	n using do not smoke. Always observe goo andling the material and before eating, ng and protective equipment to remove
9. Physical and chemica	l properties			
Appearance				
P.P				

Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-90.04 °F (-67.8 °C)
Menting point neezing point	-137.74 °F (-94.3 °C) estimated
Initial boiling point and boiling	417.2 °F (214 °C) 0.666612 kPa
range	
-	155.66 °F (68.7 °C) estimated
Flash point	402.0 °F (205.6 °C) Open Cup -7.0 °F (-21.7 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or expl	
Flammability limit - lower	1.1 % estimated
(%)	
Flammability limit - upper (%)	7.5 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.0000001 kPa at 20 °C
	< 0.0000001 kPa at 20 °C
	201.3 hPa estimated
Vapor density	12.8
Relative density	Not available.
Solubility(ies)	Not available.
Solubility (water) Partition coefficient	Not available.
(n-octanol/water)	Not available.
Auto-ignition temperature	710 °F (376.67 °C)
	437 °F (225 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	0.9219 g/cm3 estimated
D	0.9219 g/cm3 estimated
Dynamic viscosity	13.7 mPa.s
Dynamic viscosity temperature	68 °F (20 °C)
Explosive properties	Not explosive.
Flammability class	Flammable IB estimated
Kinematic viscosity	14.86 mm ² /s estimated
Molecular formula	C22-H42-O4
Molecular weight	370.57 g/mol
Oxidizing properties	Not oxidizing.
Specific gravity	0.92 at 25 °C
	0.92 estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous	Hazardous polymerization does not occur.
reactions	

Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.	
Skin contact	Causes skin irritation.	
Eye contact	Causes serious eye irritation.	
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.	
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.	

Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways.		
Components	Species	Test Results	
n-Hexane (CAS 110-54-3)			
Acute			
Dermal			
LD50	Rabbit	> 2000 mg/kg, 4 Hours	
* Estimates for product may I	be based on additional co	omponent data not shown.	
Skin corrosion/irritation	Causes skin irritation.		
Serious eye damage/eye irritation	Causes serious eye in	ritation.	
Respiratory or skin sensitizatio	n		
Respiratory sensitization	Not a respiratory sens	itizer.	
Skin sensitization	This product is not expected to cause skin sensitization.		
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	Not classifiable as to carcinogenicity to humans.		
IARC Monographs. Overall	Evaluation of Carcinog	jenicity	
Bis(2-ethylhexyl)adipate OSHA Specifically Regulate	. ,	3 Not classifiable as to carcinogenicity to humans. 1910.1001-1050)	
Not regulated. US. National Toxicology Pr	ogram (NTP) Poport on	Careinogons	
Not listed.	ografii (NTP) Report off	Carcinogens	
Reproductive toxicity	Suspected of damaging fertility or the unborn child.		
Specific target organ toxicity - single exposure	May cause drowsines	s and dizziness.	
Specific target organ toxicity - repeated exposure	Causes damage to or	gans through prolonged or repeated exposure.	
Aspiration hazard	May be fatal if swallowed and enters airways.		
Chronic effects	Causes damage to org harmful.	gans through prolonged or repeated exposure. Prolonged inhalation may be	
12. Ecological information	n		
Footoxicity	Toxio to oguatia life wi	ith long lasting offecto	

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Components		Species	Test Results			
Bis(2-ethylhexyl)adipate (CAS 103-23-1)						
Aquatic						
	LC50	Bluegill (Lepomis macrochirus)	0.48 - 0.85 mg/l, 96 hours			
n-Hexane (CAS 110-54-3)						
· · · · ·						
Aquatic	1.050	Fathand minney (Dimenholes promotes)	2 404 2 004 mg/ 00 hours			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 nours			
* Estimates for product may be	e based on add	itional component data not shown.				
Persistence and degradability						
Bioaccumulative potential						
Partition coefficient n-octan	ol / water (log	Kow)				
n-Hexane		3.9				
Mobility in soil	No data availa	able.				
Other adverse effects		No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.				
13. Disposal consideration	าร					
Disposal instructions	Collect and re	claim or dispose in sealed containers at lic	ensed waste disposal site. Do not allow			
•••••	this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches					
		or used container. Dispose of contents/co	ntainer in accordance with			
	•	local/regional/national/international regulations.				
Local disposal regulations	-	cordance with all applicable regulations.				
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.					
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).					
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.					
14. Transport information						
DOT						
UN number	UN1208					
UN proper shipping name	Hexanes, solu	ition (n-Hexane RQ = 5001 LBS)				
Transport hazard class(es)						
Class	3					
Subsidiary risk	-	-				
Label(s)	3					
Packing group	II — · · · · ·					
• •	-	nstructions, SDS and emergency procedur	es before handling.			
Special provisions		IB2, T4, TP1				
Packaging exceptions	150 202					
Packaging non bulk Packaging bulk	202 242					
	<u> </u>					
UN number	UN1208					
		tion (n. Llovena)				

3

-||

No.

ЗH

Hexanes solution (n-Hexane)

Allowed with restrictions.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

UN proper shipping name

Transport hazard class(es)

Subsidiary risk

Environmental hazards

Passenger and cargo

Class

Packing group

Other information

aircraft

ERG Code

Cargo aircraft only	Allowed with restrictions.			
IMDG				
UN number	UN1208 HEXANES SOLUTION (n-Hexane)			
UN proper shipping name Transport hazard class(es)	HEARNES SOLUTION (II-HEARINE)			
Class	3			
Subsidiary risk	-			
Packing group	II			
Environmental hazards				
Marine pollutant	No.			
EmS	F-E, S-D			
Transport in bulk according to	 Read safety instructions, SDS and emergency procedures before handling. Not established. 			
Annex II of MARPOL 73/78 and				
the IBC Code				
DOT				
FLAMMABLE LIQUID				
3				
IATA; IMDG				
2				
General information	IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.			
15. Regulatory information				
• •				
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.			
TSCA Section 12(b) Export	Notification (40 CFR 707, Subpt. D)			
Not regulated.				
CERCLA Hazardous Substa	nce List (40 CFR 302.4)			
n-Hexane (CAS 110-54-3				
SARA 304 Emergency release				
Not regulated.				
OSHA Specifically Regulated	d Substances (29 CFR 1910.1001-1050)			
Not regulated.				
Superfund Amendments and Rea	authorization Act of 1986 (SARA)			
Hazard categories	Immediate Hazard - Yes			
	Delayed Hazard - Yes Fire Hazard - Yes			
	Pressure Hazard - No			
	Reactivity Hazard - No			
SARA 302 Extremely hazardous substance				
Not listed.				

chemical				
SARA 313 (TRI reporting)				
Chemical name	CAS number	% by wt.		
n-Hexane	110-54-3	99.99		
Other federal regulations				
Clean Air Act (CAA) Sectio	n 112 Hazardous Air Pollutants (HAPs) List			
n-Hexane (CAS 110-54- Clean Air Act (CAA) Sectio	3) n 112(r) Accidental Release Prevention (40)	CFR 68.130)		
Not regulated.				
Safe Drinking Water Act (SDWA)	0.4 mg/l 0.4 mg/l			
JS state regulations	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.			
US. California. Candid subd. (a))	ate Chemicals List. Safer Consumer Produc	ts Regulations (Cal. Cod	de Regs, tit. 22, 69502.3,	
Bis(2-ethylhexyl)ad n-Hexane (CAS 110	pate (CAS 103-23-1))-54-3)			
n-Hexane (CAS 110			On inventory (yes/no)*	
n-Hexane (CAS 110 nternational Inventories)-54-3)	s (AICS)		
n-Hexane (CAS 110 nternational Inventories Country(s) or region)-54-3) Inventory name	s (AICS)	Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia)-54-3) Inventory name Australian Inventory of Chemical Substance	s (AICS)	Yes Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada)-54-3) Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL)		Yes Yes No	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada Canada	D-54-3) Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL) Non-Domestic Substances List (NDSL)	in China (IECSC)	On inventory (yes/no)* Yes Yes No Yes Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada Canada China	D-54-3) Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL) Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances European Inventory of Existing Commercial	in China (IECSC) Chemical	Yes Yes No Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada Canada China Europe	D-54-3) Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL) Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances European Inventory of Existing Commercial Substances (EINECS)	in China (IECSC) Chemical ces (ELINCS)	Yes Yes No Yes Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada Canada China Europe Europe	 Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL) Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances European Inventory of Existing Commercial Substances (EINECS) European List of Notified Chemical Substances 	in China (IECSC) Chemical ces (ELINCS)	Yes Yes No Yes Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada Canada China Europe Europe Japan	 Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL) Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances European Inventory of Existing Commercial Substances (EINECS) European List of Notified Chemical Substance Inventory of Existing and New Chemical Substance 	in China (IECSC) Chemical ces (ELINCS)	Yes Yes No Yes Yes No Yes	
n-Hexane (CAS 110 nternational Inventories Country(s) or region Australia Canada Canada China Europe Europe Japan Korea	Inventory name Australian Inventory of Chemical Substance Domestic Substances List (DSL) Non-Domestic Substances List (NDSL) Inventory of Existing Chemical Substances European Inventory of Existing Commercial Substances (EINECS) European List of Notified Chemical Substan Inventory of Existing and New Chemical Su Existing Chemicals List (ECL)	in China (IECSC) Chemical ces (ELINCS) bstances (ENCS)	Yes Yes No Yes No Yes Yes	

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	05-02-2014
Revision date	10-22-2018
Version #	03
NFPA ratings	Health: 2 Flammability: 3 Instability: 0

Disclaimer

Chem Service, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded SDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.

Persons not specifically and properly trained should not handle this chemical or its container. This product is furnished FOR LABORATORY USE ONLY! Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticide products, food additives or as household chemicals.

This Safety Data Sheet (SDS) is intended only for use with Chem Service, Inc. products and should not be relied on for use with materials from any other supplier even if the chemical name(s) on the product are identical! Whenever using an SDS for a solution or mixture the user should refer to the SDS for every component of the solution or mixture. Chem Service warrants that this SDS is based upon the most current information available to Chem Service at the time it was last revised. THIS WARRANTY IS EXCLUSIVE, AND CHEM SERVICE, INC. MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. This SDS is provided gratis and CHEM SERVICE, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR CONTINGENT DAMAGES.

Copyright © 2000-2014 Chem Service, Inc. All rights reserved except that this SDS may be printed for the use of a customer or prospective customer of Chem Service, Inc provided the entire SDS is printed. The SDS may not be placed in any database or otherwise stored or distributed in electronic or any other form.

This product is furnished FOR LABORATORY USE ONLY. This document has undergone significant changes and should be reviewed in its entirety.

Revision information