Material Safety Data Sheet INTERSTORES ALKYD TOPCOAT SURF GREY

Bulk Sales Reference No.: MSDS Revision Date:

MSDS Revision Number:

Sales Order: {SalesOrd} ISA540 05/01/2015 A0-2

XInternational.

1. Identification of the	preparation and company
1.1. Product identifier	
Product Identity	INTERSTORES ALKYD TOPCOAT SURF GREY
Bulk Sales Reference No.	ISA540
1.2. Relevant identified uses of the substance or mix	ture and uses advised against
Intended Use	See Technical Data Sheet.
Application Method	See Technical Data Sheet.
1.3. Details of the supplier of the safety data sheet	
Company Name	International Paint LLC
	6001 Antoine Drive
	Houston, Texas 77091
Emergency	
CHEMTREC (USA)	(800) 424-9300
International Paint	(713) 682-1711
Poison Control Center	(800) 854-6813
Customer Service	
International Paint	(800) 589-1267
Fax No.	(800) 631-7481
2. Hazard identi	fication of the product
	·

2.1. Classification of the substance or mixture

Flam. Liq. 3;H226	Flammable liquid and vapor.
Skin Sens. 1;H317	May cause an allergic skin reaction.
Aquatic Chronic 3;H412	Harmful to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



H226 Flammable liquid and vapor.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P260 Do not breathe mist / vapors / spray.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P262 Do not get in eyes, on skin, or on clothing.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+352 IF ON SKIN: Wash with soap and water.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P370 In case of fire: Use water spray, fog, or regular foam..

P403+233 Store in a well ventilated place. Keep container tightly closed.

P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating	Health: 2*	Flammability: 2	Reactivity: 0	
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3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Stoddard solvent CAS Number: 0008052-41-3	10 - 25	Asp. Tox. 1;H304	[1][2]
Petroleum distillates, hydrotreated light CAS Number: 0064742-47-8	10 - 25	Asp. Tox. 1;H304	[1]
Limestone CAS Number: 0001317-65-3	10 - 25		[1]
Barium sulfate CAS Number: 0007727-43-7	1.0 - 10		[1][2]
Titanium dioxide CAS Number: 0013463-67-7	1.0 - 10		[1][2]
Methyl ethyl ketoxime CAS Number: 0000096-29-7	0.10 - 1.0	Carc. 2;H351 Acute Tox. 4;H312 Eye Dam. 1;H318 Skin Sens. 1;H317	[1]
Hexanoic acid, 2-ethyl-, cobalt(2+) salt CAS Number: 0000136-52-7		Acute Tox. 4;H302 Skin Sens. 1;H317 Repr. 2;H361F Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion	If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything

	symptoms and effects, both acute and delayed
Overview	NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing.
Inhalation	Harmful if inhaled. Causes lung irritation. Causes nose and throat irritation. Vapor may affect the brain or nervous system causing dizziness, headache or nausea.
Eyes	Causes severe eye irritation. Avoid contact with eyes.
Skin	Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion	Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.
Chronic effects	Possible cancer hazard. Contains an ingredient which may cause cancer based o animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

5. Fire-fighting measures

5.1. Extinguishing media

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective. SMALL FIRES: Use dry chemical, CO2, water spray or regular foam. LARGE FIRES: Use water spray, fog, or regular foam. Do not use straight streams. Move containers from fire area if you can do so without risk.

5.2. Special hazards arising from the substance or mixture

HIGHLY FLAMMABLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses. 128

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet).

7. Handling and storage

7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities Store between 40-100F (4-38C).

Avoid contact with eyes, skin and clothing.

Strong oxidizing agents.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

8. Exposure controls and personal protection 8.1. Control parameters Exposure CAS No. Ingredient Source Value 0000096-29-7 Methyl ethyl ketoxime OSHA No Established Limit ACGIH No Established Limit NIOSH No Established Limit Supplier No Established Limit OHSA, No Established Limit CAN Mexico No Established Limit Brazil No Established Limit 0000136-52-7 Hexanoic acid, 2-ethyl-, OSHA No Established Limit cobalt(2+) salt ACGIH No Established Limit NIOSH No Established Limit Supplier No Established Limit OHSA, No Established Limit CAN Mexico No Established Limit Brazil No Established Limit 0001317-65-3 Limestone OSHA 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) ACGIH No Established Limit NIOSH 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) Supplier No Established Limit OHSA, No Established Limit CAN Mexico 10 mg/m3 TWA LMPE-PPT20 mg/m3 STEL [LMPE-CT] No Established Limit Brazil OSHA 0007727-43-7 Barium sulfate 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) ACGIH 10 mg/m3 TWA NIOSH 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) No Established Limit Supplier OHSA, 10 mg/m3 TWA CAN Mexico No Established Limit Brazil No Established Limit 0008052-41-3 Stoddard solvent 500 ppm TWA; 2900 mg/m3 TWA OSHA ACGIH 100 ppm TWA NIOSH 350 mg/m3 TWA1800 mg/m3 Ceiling (15 min)20000 mg/m3 IDLH Supplier No Established Limit OHSA, 525 mg/m3 TWA (140C Flash aliphatic solvent) CAN

		Mexico	100 ppm TWA LMPE-PPT; 523 mg/m3 TWA LMPE-PPT200 ppm STEL [LMPE-CT]; 1050 mg/m3 STEL [LMPE-CT]
		Brazil	No Established Limit
0013463-67-7	Titanium dioxide	OSHA	15 mg/m3 TWA (total dust)
		ACGIH	10 mg/m3 TWA
		NIOSH	5000 mg/m3 IDLH
		Supplier	No Established Limit
		OHSA, CAN	10 mg/m3 TWA
		Mexico	10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL [LMPE-CT] (as Ti)
		Brazil	No Established Limit
0064742-47-8	Petroleum distillates,	OSHA	No Established Limit
	hydrotreated light	ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit

Health Data				
CAS No.	Ingredient	Source	Value	
0000096-29-7	Methyl ethyl ketoxime	NIOSH	No Established Limit	
0000136-52-7	Hexanoic acid, 2-ethyl-, cobalt(2+) salt	NIOSH	No Established Limit	
0001317-65-3	Limestone	NIOSH	Eye and skin irritation Physical irritation	
0007727-43-7	Barium sulfate	NIOSH	Eye nose	
0008052-41-3	Stoddard solvent	NIOSH	Eye nose	
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals	
0064742-47-8	Petroleum distillates, hydrotreated light	NIOSH	No Established Limit	

CAS No.	Ingredient	Source	Value
0000096-29-7	Methyl ethyl ketoxime	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000136-52-7	Hexanoic acid, 2-ethyl-,	OSHA	Select Carcinogen: No
	cobalt(2+) salt	NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001317-65-3	Limestone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007727-43-7	Barium sulfate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0008052-41-3	Stoddard solvent	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0013463-67-7	Titanium dioxide	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
			Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0064742-47-8		OSHA	Select Carcinogen: No

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leader the stand Parlat	NTP	Known: No; Suspected: No	
	hydrotreated light		Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0.0. 5	tura la		

8.2. Exposure controls	
Respiratory	Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.
Eyes	Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Skin	Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Engineering Controls	Depending on the site-specific conditions of use, provide adequate ventilation.
Other Work Practices	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

9. Pl	nysical and chemical properties
Appearance	Coloured Liquid
Odour threshold	Not Measured
рН	No Established Limit
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	149 (C) 300 (F)
Flash Point	41 (C) 106 (F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1
	Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air
Specific Gravity	1.06
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	No Established Limit Not Measured
VOC %	Refer to the Technical Data Sheet or label where information is available.
9.2. Other information	
No further information	

10. Stability and reactivity

No data available

10.2. Chemical stability

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

HIGHLY FLAMMABLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated. Many liquids are lighter than water.

11. Toxicological information

Acute toxicity

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
Stoddard solvent - (8052-41-3)	No data available	No data available	No data available	No data available
Petroleum distillates, hydrotreated light - (64742-47-8)	5,000.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	No data available	No data available
Limestone - (1317-65-3)	No data available	No data available	No data available	No data available
Barium sulfate - (7727-43-7)	3,000.00, Mouse - Category: 5	No data available	No data available	No data available
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA
Methyl ethyl ketoxime - (96-29-7)	930.00, Rat - Category: 4	2,000.00, Rabbit - Category: 4	20.00, Rat - Category: 4	No data available
Hexanoic acid, 2-ethyl-, cobalt(2+) salt - (136-52-7)	1,220.00, Rabbit - Category: 4	5,000.00, Rat - Category: 5	No data available	No data available

Item	Category	Hazard	
Acute Toxicity (mouth)	Not Classified	Not Applicable	
Acute Toxicity (skin)	Not Classified	Not Applicable	
Acute Toxicity (inhalation)	Not Classified	Not Applicable	
Skin corrosion/irritation	Not Classified	Not Applicable	
Eye damage/irritation	Not Classified	Not Applicable	
Sensitization (respiratory)	Not Classified	Not Applicable	
Sensitization (skin)	1	May cause an allergic skin reaction.	
Germ toxicity	Not Classified	Not Applicable	
Carcinogenicity	Not Classified	Not Applicable	
Reproductive Toxicity	Not Classified	Not Applicable	
Specific target organ systemic toxicity (single exposure)	Not Classified	Not Applicable	
	Not Classified	Not Applicable	

Specific target organ systemic Toxicity (repeated exposure)		
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Stoddard solvent - (8052-41-3)	Not Available	Not Available	Not Available
Petroleum distillates, hydrotreated light - (64742-47-8)	2.20, Lepomis macrochirus	4,720.00, Dendronereides heteropoda	Not Available
Limestone - (1317-65-3)	Not Available	Not Available	Not Available
Barium sulfate - (7727-43-7)	59,000.00, Poecilia sphenops	32.00, Daphnia magna	Not Available
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Methyl ethyl ketoxime - (96-29-7)	320.00, Leuciscus idus	500.00, Daphnia magna	83.00 (72 hr), Scenedesmus subspicatus
Hexanoic acid, 2-ethyl-, cobalt(2+) salt - (136-52-7)	Not Available	Not Available	Not Available

12.2. Persistence and degradability
No data available
12.3. Bioaccumulative potential
Not Measured
12.4. Mobility in soil
No data available
12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.
12.6. Other adverse effects
No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

 14. Transport information

 14.1. UN number
 UN 1263

 14.2. UN proper shipping name
 PAINT

 14.3. Transport hazard class(es)
 PAINT

DOT (Domestic Surface Transportation) PAINT IMO / IMDG (Ocean Transportation) PAINT

DOT Proper Shipping	a and a second se	IMDG Proper			
Name		Shipping Name			
DOT Hazard Class	3	IMDG Hazard Class	3		
		Sub Class	3		
UN / NA Number	UN 1263				
DOT Packing Group		IMDG Packing Group			
CERCLA/DOT RQ	2180 gal. / 19179 lbs.	System Reference Code	2		
		educ			
14.4. Packing group	Ш				
14.5. Environmental hazard	s				
IMDG Marine Pol	lutant: No				
14.6. Special precautions for	r user				
Not Applica	able				
14.7. Transport in bulk acco	ording to Annex II of MARPOL	73/78 and the IBC Code			
Not Applica	able				
	45 Devulations	- f			
	15. Regulatory i	Information			
Regulatory Overview The	e regulatory data in Section 15	is not intended to be all-inclu	isive, only selected		
5,	ulations are represented. All i		, ,		
	xic Substance Control Act) Inv	ventory or are not required to	be listed on the TSCA		
	entory.				
WHMIS Classification B3	D2B				
DOT Marine Pollutants (10%	%):				
(No Product Ingredier					
DOT Severe Marine Polluta					
(No Product Ingredier					
EPCRA 311/312 Chemicals					
	00 lb final RQ; 454 kg final RC	,			
	mers) (100 lb final RQ; 45.4	kg final RQ)			
EPCRA 302 Extremely Haz (No Product Ingredier					
EPCRA 313 Toxic Chemica					
1,2,4-Trimethyl benze					
Benzene, ethyl-					
Xylenes (o-, m-, p- iso	mers)				
Mass RTK Substances (>19	%):				
Barium sulfate	Barium sulfate				
Limestone					
Stoddard solvent					
Titanium dioxide					
Penn RTK Substances (>1%	%):				
Barium sulfate					
Limestone					
Stoddard solvent Titanium dioxide					
Penn Special Hazardous Substances (>.01%) :					
(No Product Ingredients Listed)					
RCRA Status:	,				
(No Product Ingredier	nts Listed)				
N.J. RTK Substances (>1%):				
Barium sulfate					
Limestone					
Stoddard solvent					
Titanium dioxide					
N.J. Special Hazardous Sub	ostances (>.01%) :				

(No Product Ingredients Listed) Carbon black Benzene, ethyl-Quartz Silica, cristobalite Xylenes (o-, m-, p- isomers) N.J. Env. Hazardous Substances (>.1%) : 1,2,4-Trimethyl benzene Benzene, ethyl-Xylenes (o-, m-, p- isomers) Proposition 65 - Carcinogens (>0%): Carbon black Benzene, ethyl-Nickel Quartz Titanium dioxide Proposition 65 - Female Repro Toxins (>0%): (No Product Ingredients Listed) Proposition 65 - Male Repro Toxins (>0%): (No Product Ingredients Listed) Proposition 65 - Developmental Toxins (>0%): (No Product Ingredients Listed)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H351 Suspected of causing cancer.

H361F Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The following sections have changed since the previous revision.

End of Document