

# **SAFETY DATA SHEET**

### Interlac 668 Fluorescent Orange

### Section 1. Identification

### Interlac 668 Fluorescent Orange

#### HXA127

: GHS product identifier

: Product code

Identified uses	
Professional application of coatings and inks	
Uses advised against	Reason
All Other Uses	
International Paint Ltd. Stoneygate Lane Felling Gateshead Tyne and Wear NE10 0JY UK Tel: +44 (0)191 469 6111 Fax: +44 (0)191 438 3711	: Supplier's details
+44 (0)191 469 6111 (24H)	: Emergency telephone number (with hours of operation)
+966 55 388 0087 sdsfellinguk@akzonobel.com	<ul> <li>National advisory body/ Poison Centre (For use only by licensed medical professionals.)</li> <li>e-mail address of person responsible for this SDS</li> </ul>
Section 2. Hazards identification	
FLAMMABLE LIQUIDS - Category 3 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION (Fertility) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Nar Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) ( nervous system (CNS)) - Category 1 LONG-TERM AQUATIC HAZARD - Category 2	
GHS label elements	: Hazard pictograms
Danger	: Signal word





### Section 2. Hazards identification

Flammable liquid and vapour. May cause an allergic skin reaction. Suspected of damaging fertility. Suspected of causing cancer. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. (central nervous system (CNS)) Toxic to aquatic life with long lasting effects.	:	Hazard statements
Precautionary statements		
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Avoid breathing vapour. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe gas, vapour or spray.	:	Prevention
Collect spillage. Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical attention.	:	Response
Store locked up. Store in a well-ventilated place. Keep cool.	:	Storage
Dispose of contents and container in accordance with all local, regional, national and international regulations.	:	Disposal
Wear appropriate respirator when ventilation is inadequate.	:	Supplemental label elements
None known.	:	Other hazards which do not

: Other hazards which do not result in classification

### Section 3. Composition/information on ingredients

#### Mixture

Version : 3

#### : Substance/mixture

Classification	CAS number	% by weight	Ingredient name
Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 (central nervous system (CNS)) (inhalation) Asp. Tox. 1, H304 Aquatic Chronic 2, H411	64742-82-1	≥10 - ≤25	Naphtha (petroleum), hydrodesulfurized heavy
Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 (central nervous system (CNS)) (inhalation) Asp. Tox. 1, H304 Aquatic Chronic 2, H411	1174921-79-9	≥10 - ≤25	Hydrocarbons, C9-C12
Flam. Liq. 4, H227 Acute Tox. 4, H312 Eye Dam. 1, H318	96-29-7	≤0.3	2-butanone oxime
Date of issue/Date of revision	: 05/06/2017	2/42	AkzoNobel

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### Section 3. Composition/information on ingredients

Skin Sens. 1, H317 Carc. 2, H351			
Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 (Fertility) (oral) Aquatic Chronic 3, H412	27253-31-2	≤0.3	neodecanoic acid, cobalt salt

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Description of necessary first aid measures	
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.	: Eye contact
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	: Inhalation
Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.	: Skin contact
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.	: Ingestion
Most important symptoms/effects, acute and delayed	
Potential acute health effects	
No known significant effects or critical hazards.	: Eye contact
Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.	: Inhalation
May cause an allergic skin reaction.	: Skin contact
Can cause central nervous system (CNS) depression.	: Ingestion
Over-exposure signs/symptoms	
No specific data.	: Eye contact





### Section 4. First aid measures

Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo muscle weakness unconsciousness reduced foetal weight increase in foetal deaths skeletal malformations	: Inhalation
Adverse symptoms may include the following: irritation redness reduced foetal weight increase in foetal deaths skeletal malformations	: Skin contact
Adverse symptoms may include the following: reduced foetal weight increase in foetal deaths skeletal malformations	: Ingestion
Indication of immediate medical attention and special treatment needed, if nec	essary
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.	: Notes to physician
No specific treatment.	: Specific treatments
No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate	: Protection of first-aiders

See toxicological information (Section 11)

### Section 5. Firefighting measures

thoroughly with water before removing it, or wear gloves.

#### Extinguishing media

Use dry chemical, CO2, water spray (fog) or foam.

Do not use water jet.

Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. No specific data.

mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- : Suitable extinguishing media
- : Unsuitable extinguishing media
- : Specific hazards arising from the chemical
- : Hazardous thermal decomposition products
- : Special protective actions for fire-fighters

: Special protective equipment for fire-fighters

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### Section 6. Accidental release measures

:	For non-emergency personnel
:	For emergency responders
:	Environmental precautions
:	Small spill
:	Large spill
	:

### Section 7. Handling and storage

#### Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

: Protective measures

: Advice on general occupational hygiene

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### Section 7. Handling and storage

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Vapours are heavier than air and may spread along floors. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

### Section 8. Exposure controls/personal protection

#### **Control parameters**

#### Occupational exposure limits

Exposure limits Ing	gredient name
ACGIH TLV (United States, 3/2015). ne TWA: 0.02 mg/m <sup>3</sup> , (as Co) 8 hours.	eodecanoic acid, cobalt salt

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.	:	Appropriate engineering controls
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.	:	Environmental exposure controls
Individual protection measures		
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	:	Hygiene measures
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.	:	Eye/face protection
Skin protection		
Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton® or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/	:	Hand protection

puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

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: Conditions for safe storage, including any incompatibilities

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### Section 8. Exposure controls/personal protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.	: Body protection
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	: Other skin protection
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.	st

### Section 9. Physical and chemical properties

Appearance	
Liquid.	: Physical state
Orange.	: Colour
Solvent.	: Odour
Not available.	: Odour threshold
Not applicable.	: pH
Not available.	: Melting point
Lowest known value: >142°C (>287.6°F)(Naphtha (petroleum), hydrodesulfurized heavy).	: Boiling point
Closed cup: 39°C (102.2°F)	: Flash point
Not available.	: Evaporation rate
Not available.	: Flammability (solid, gas)
Greatest known range: Lower: 1.4% Upper: 7.6% (Naphtha (petroleum), hydrodesulfurized heavy)	: Lower and upper explosive (flammable) limits
Not available.	: Vapour pressure
Not available.	: Vapour density
1.02	: Relative density
Insoluble in the following materials: cold water.	: Solubility
Not available.	: Partition coefficient: n- octanol/water
Not available.	: Auto-ignition temperature
Not available.	: Decomposition temperature
Kinematic (room temperature): 201 mm²/s (201 cSt)	: Viscosity

## Section 10. Stability and reactivity

No specific test data related to reactivity available for this product or its ingredients.	: Reactivity
The product is stable.	: Chemical stability
Under normal conditions of storage and use, hazardous reactions will not occur.	: Possibility of hazardous reactions
Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.	: Conditions to avoid
Reactive or incompatible with the following materials: oxidizing materials	: Incompatible materials



### Section 10. Stability and reactivity

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### : Hazardous decomposition products

**X**International

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Exposure	Dose	Species	Result	Product/ingredient name
-	1001 mg/kg	Rat	LD50 Dermal	2-butanone oxime
-	1098 mg/kg	Rat	LD50 Oral	neodecanoic acid, cobalt salt

#### Irritation/Corrosion

Observation	Exposure	Score	Species	Result	Product/ingredient name
-	100 microliters	-	Rabbit	Eyes - Severe irritant	2-butanone oxime

#### Sensitisation

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Target organs	Route of exposure	Category	Name
		Category 3 Category 3	Naphtha (petroleum), hydrodesulfurized heavy Hydrocarbons, C9-C12

#### Specific target organ toxicity (repeated exposure)

Target organs	Route of exposure	Category	Name
central nervous system (CNS)	Inhalation	Category 1	Naphtha (petroleum), hydrodesulfurized heavy
central nervous system (CNS)	Inhalation	Category 1	Hydrocarbons, C9-C12

#### Aspiration hazard

Result	Name
•	Naphtha (petroleum), hydrodesulfurized heavy Hydrocarbons, C9-C12

Not available.

#### Potential acute health effects

No known significant effects or critical hazards.

Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

- : Information on likely routes of exposure
- : Eye contact
- : Inhalation





### Section 11. Toxicological information

Section 11. Toxicological information		
May cause an allergic skin reaction.	:	Skin contact
Can cause central nervous system (CNS) depression.	:	Ingestion
Symptoms related to the physical, chemical and toxicological characteristics		
No specific data.	:	Eye contact
Adverse symptoms may include the following: nausea or vomiting	:	Inhalation
headache drowsiness/fatigue		
dizziness/vertigo		
muscle weakness unconsciousness		
reduced foetal weight		
increase in foetal deaths		
skeletal malformations	-	Okin contact
Adverse symptoms may include the following: irritation	•	Skin contact
redness		
reduced foetal weight increase in foetal deaths		
skeletal malformations		
Adverse symptoms may include the following:	:	Ingestion
reduced foetal weight		
increase in foetal deaths skeletal malformations		
Delayed and immediate effects as well as chronic effects from short and long-te	err	<u>n exposure</u>
Short term exposure		
Not available.	:	Potential immediate
		effects
Not available.	:	Potential delayed effects
Long term exposure	_	Detential immediate
Not available.	:	Potential immediate effects
Not available.	:	Potential delayed effects
Potential chronic health effects	-	
Not available.		
Causes damage to organs through prolonged or repeated exposure. Once		General
sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.	•	General
Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.	:	Carcinogenicity
No known significant effects or critical hazards.	:	Mutagenicity
No known significant effects or critical hazards.	:	Teratogenicity
No known significant effects or critical hazards.	:	Developmental effects
Suspected of damaging fertility.	:	Fertility effects

#### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

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### Section 12. Ecological information

#### <u>Toxicity</u>

Exposure	Species	Result	Product/ingredient name
96 hours	Fish - Pimephales promelas	Acute LC50 843000 to 914000 μg/l Fresh water	2-butanone oxime

#### Persistence and degradability

Biodegradability	Photolysis	Aquatic half-life	Product/ingredient name
Not readily	-		Naphtha (petroleum), hydrodesulfurized heavy
Not readily	-		Hydrocarbons, C9-C12

#### **Bioaccumulative potential**

Potential	BCF	LogP <sub>ow</sub>	Product/ingredient name
high	10 to 2500	-	Naphtha (petroleum),
_			hydrodesulfurized heavy
high	10 to 2500	-	Hydrocarbons, C9-C12
low	5.011872336	0.63	2-butanone oxime
high	15600	-	neodecanoic acid, cobalt salt

#### Mobility in soil

Not available.

### : Soil/water partition coefficient (Koc)

: Other adverse effects

: Disposal methods

No known significant effects or critical hazards.

### Section 13. Disposal considerations

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

ΙΑΤΑ	IMDG	UN	
UN1263	UN1263	UN1263	UN number
PAINT	PAINT. Marine pollutant (Naphtha (petroleum), hydrodesulfurized heavy, Hydrocarbons, C9-C12)	PAINT	UN proper shipping name

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# **X**.International.

the IBC Code

### Section 14. Transport information

3		3		Transport hazard class(es)
· · · · · · · · · · · · · · · · · · ·				Packing group
No.	Yes.	No.		Environmental hazards
The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.	-		Additional information
Not applicable.			: IMDG C group	ode Segregation
	<b>nises:</b> always transport in closed on at persons transporting the produc llage.		: Special	precautions for use
Not available.			-	ort in bulk according x II of Marpol and

Section 15. Regulatory information

No known specific national and/or regional regulations applicable to this product (including its ingredients). Safety, health and environmental regulations specific for the product

### Section 16. Other information

#### Justification

Justification	Classification
On basis of test data	Flam. Liq. 3, H226
Calculation method	Skin Sens. 1, H317
Calculation method	Carc. 2, H351
Calculation method	Repr. 2, H361 (Fertility)
Calculation method	STOT SE 3, H336
Calculation method	STOT RE 1, H372 (central nervous system (CNS))
Calculation method	Aquatic Chronic 2, H411
<u>History</u>	
05/06/2017	: Date of printing
05/06/2017	: Date of issue/Date of revision

17/06/2016

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Date of issue/Date of revision Version : 3 : Date of previous issue

: Version

this safety data sheet, then the user uses the product at their own risk.

MANUFACTURER'S DISCLAIMER: the conditions, methods and factors affecting the handling, storage, application, use and disposal of the product are not under the control and knowledge of the manufacturer. Therefore the manufacturer does not assume responsibility for any adverse events which may occur in the handling, storage, application, use, misuse or disposal of the product and, so far as permitted by applicable law, the manufacturer expressly disclaims liability for any and all loss, damages and/or expenses arising out of or in any way connected to the storage, handling, use or disposal of the product. Safe handling, storage, use and disposal are the responsibility of the users. Users must comply with all applicable health and safety laws.

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### Section 16. Other information

ATE = Acute Toxicity Estimate : Key to abbreviations BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations Not available.

Indicates information that has changed from previously issued version.

#### Notice to reader

IMPORTANT NOTE: the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in



: References