

## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Page 1 of 16 Revision Date 02/25/2015 Print Date 02/26/2015

# SAFETY DATA SHEET

#### 69836TFNX WADER BEARS NAVY

# **Section 1. Identification**

**GHS product identifier** : 69836TFNX WADER BEARS NAVY

Chemical name : Mixture
CAS number : Mixture
Other means of identification : FO00014039

**Product type** : solid

Relevant identified uses of the substance or mixture and uses advised against

**Product use** : Industrial applications. Plastics.

Supplier's details : POLYONE CORPORATION

33587 Walker Road, Avon Lake, OH 44012

1 (440) 930-1000 or 1 (866) POLYONE

**Emergency telephone number** (with hours of operation)

CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or

accident).

## Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status : While this material is not considered hazardous by the OSHA Hazard

Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees

and other users of this product.

Classification of the substance or

: Not classified.

mixture

**Supplemental label elements** : None known. **Hazards not otherwise classified** : None known.



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Page 2 of 16 Revision Date 02/25/2015 Print Date 02/26/2015

# Section 3. Composition/information on ingredients

Substance/mixture: MixtureChemical name: MixtureOther means of identification: FO00014039

## CAS number/other identifiers

Ingredient name	<b>%</b>	CAS number
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters,	10 - 30	68515-48-0
C9-rich		
Urea	1 - 5	57-13-6
Civa		37 13 0
Titanium dioxide	1 - 5	13463-67-7
Quartz	0.1 - 1	14808-60-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional 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

**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.

Cot modical attention if imitation accura

Get medical attention if irritation occurs.

**Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable

for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical

surveillance for 48 hours.



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Page 3 of 16 Revision Date 02/25/2015 Print Date 02/26/2015

Skin contact Flush contaminated skin with plenty of water. Remove contaminated

clothing and shoes. Get medical attention if symptoms occur.

Wash out mouth with water. Remove victim to fresh air and keep at **Ingestion** 

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. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eve contact No known significant effects or critical hazards.

Inhalation Exposure to decomposition products may cause a health hazard.

Serious effects may be delayed following exposure.

No known significant effects or critical hazards. Skin contact No known significant effects or critical hazards. Ingestion

#### Over-exposure signs/symptoms

Eye contact No specific data. Inhalation No specific data. No specific data. Skin contact No specific data. **Ingestion** 

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician In case of inhalation of decomposition products in a fire, symptoms

may be delayed. The exposed person may need to be kept under

medical surveillance for 48 hours.

**Specific treatments** No specific treatment.

**Protection of first-aiders** No action shall be taken involving any personal risk or without

suitable training.

See toxicological information (Section 11)

# **Section 5. Fire-fighting measures**

### Extinguishing media

Suitable extinguishing media In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.

Unsuitable extinguishing media None known.



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015 Page 4 of 16 Print Date 02/26/2015

Specific hazards arising from the

chemical

Hazardous thermal decomposition products

No specific fire or explosion hazard.

May emit Hydrogen Chloride (HCl).

Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides sulfur oxides

halogenated compounds metal oxide/oxides

Special protective actions for firefighters 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.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and selfcontained breathing apparatus (SCBA) with a 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 personal risk or without

suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of

any information in Section 8 on suitable and unsuitable materials. See

also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil,

waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil

or air).

## Methods and materials for containment and cleaning up

Small spill : Move containers from spill area. Vacuum or sweep up material and

place in a designated, labeled waste container. Dispose of via a

licensed waste disposal contractor.

Large spill : Move containers from spill area. Prevent entry into sewers, water

courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency

contact information and Section 13 for waste disposal.



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015 Page 5 of 16 Print Date 02/26/2015

# Section 7. Handling and storage

#### Precautions for safe handling

Protective measures Advice on general occupational

hygiene

Put on appropriate personal protective equipment (see Section 8).

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.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. 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. 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 unlabeled containers. Use appropriate containment to avoid environmental contamination.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### Occupational exposure limits

Ingredient name	Exposure limits	
Urea	AIHA WEEL (1999-01-01)	
	Time Weighted Average (TWA) 10 mg/m3	
	NIOSH REL (2005-09-30)	
Titanium dioxide	OSHA PEL 1989 (1989-03-01)	
	PEL: Permissible Exposure Level 10 mg/m3 Form: Total dust	
	OSHA PEL (1993-06-30)	
	PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust	
	ACGIH TLV (1996-05-18)	
	TLV-TWA: Threshold Limit Value - Time weighted average PEL:	
	Permissible Exposure Level 10 mg/m3	



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015 Page 6 of 16 Print Date 02/26/2015

Quartz	OSHA PEL 1989 (1989-03-01) Calculated as Quartz
	PEL: Permissible Exposure Level 0.1 mg/m3 Form: Respirable dust
	OSHA - PEL Z3 (1997-09-03)
	Time Weighted Average (TWA) Form: Respirable
	Time Weighted Average (TWA) 10 mg/m3 Form: Respirable
	Time Weighted Average (TWA) 30 mg/m3 Form: Total dust
	NIOSH REL (1994-06-01)
	Time Weighted Average (TWA) 0.05 mg/m3 Form: Respirable dust
	ACGIH TLV (2005-12-09)
	TLV-TWA: Threshold Limit Value - Time weighted average PEL:
	Permissible Exposure Level 0.025 mg/m3 Form: Respirable fraction

**Appropriate engineering controls** 

Good general ventilation should be sufficient to control worker

exposure to airborne contaminants.

**Environmental exposure 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.

#### **Individual protection measures**

**Hygiene 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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety

showers are close to the workstation location.

**Eye/face protection** : 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.

**Skin protection** 

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved

standard should be worn at all times when handling chemical products

if a risk assessment indicates this is necessary.

**Body 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.

Other skin protection : Appropriate footwear and any additional skin protection measures

should be selected based on the task being performed and the risks



### 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015

Page 7 of 16 Print Date 02/26/2015

involved and should be approved by a specialist before handling this

Use a properly fitted, particulate filter respirator complying with an **Respiratory protection** 

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.

# Section 9. Physical and chemical properties

#### **Appearance**

solid [Paste.] Physical state Color **BLUE** Faint odor. Odor **Odor threshold** Not available. pН Not available. **Melting point** Not available. **Boiling point** Not available. Flash point Not available. **Burning time** Not available. **Burning rate** Not available. **Evaporation rate** Not available. Flammability (solid, gas) Not available.

Lower and upper explosive Lower: Not available. **Upper:** Not available. (flammable) limits

Not available. Vapor pressure Vapor density Not available. Relative density Not available. Not available. **Solubility** Solubility in water insoluble in water.

Not available. Partition coefficient: n-

octanol/water

**Auto-ignition temperature** Not available. **Decomposition temperature** Not available. **SADT** Not available.

**Dynamic:** Not available. Viscosity

**Kinematic:** Not available.

# Section 10. Stability and reactivity

No specific test data related to reactivity available for this product or Reactivity

its ingredients.



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Page 8 of 16 Revision Date 02/25/2015 Print Date 02/26/2015

Chemical stability : Stable under recommended storage and handling conditions (see

Section 7).

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will

not occur.

**Conditions to avoid** : Keep away from extreme heat and oxidizing agents.

Incompatible materials : Avoid contact with acetal homopolymers and acetyl homopolymers

during processing.

**Hazardous decomposition** 

products

: Under normal conditions of storage and use, hazardous decomposition

products should not be produced.

# Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

#### **Information on toxicological effects**

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure	
1,2-Benzenedicarboxylic acid,	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich				
	LD50 Oral	Rat	10,000 mg/kg	-	
Urea					
	LD50 Oral	Rat	8,471 mg/kg	-	
Titanium dioxide					
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h	
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-	
Quartz					

**Conclusion/Summary** : Mixture.Not fully tested.

### **Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	Eyes - Mild irritant	Rabbit			-
Urea	Skin - Moderate irritant	Human		24 hrs	-
	Skin - Mild irritant	Human		72 hrs	-

Conclusion/Summary

Skin: Mixture.Not fully tested.Eyes: Mixture.Not fully tested.



# 69836TFNX WADER BEARS NAVY

 Version Number 1.2
 Page 9 of 16

 Revision Date 02/25/2015
 Print Date 02/26/2015

**Respiratory** : Mixture.Not fully tested.

**Sensitization** 

**Conclusion/Summary** 

Skin: Mixture.Not fully tested.Respiratory: Mixture.Not fully tested.

**Mutagenicity** 

**Conclusion/Summary** : Mixture.Not fully tested.

**Carcinogenicity** 

Conclusion/Summary : Mixture.Not fully tested.

Classification

Classification			
Product/ingredient	OSHA	IARC	NTP
name			
Titanium dioxide		2B	
Quartz		1	

#### **Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Teratogenicity** 

Conclusion/Summary : Mixture.Not fully tested.

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

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

**Aspiration hazard** 

Not available.

Information on the likely routes of :

Not available.

exposure

Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : Exposure to decomposition products may cause a health hazard.



## 69836TFNX WADER BEARS NAVY

 Version Number 1.2
 Page 10 of 16

 Revision Date 02/25/2015
 Print Date 02/26/2015

Serious effects may be delayed following exposure.

Skin contact: No known significant effects or critical hazards.Ingestion: No known significant effects or critical hazards.

#### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data.Inhalation: No specific data.Skin contact: No specific data.Ingestion: No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

## Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

#### **Potential chronic health effects**

Conclusion/Summary : Mixture.Not fully tested.

General:No known significant effects or critical hazards.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:No known significant effects or critical hazards.Fertility effects:No known significant effects or critical hazards.

#### **Numerical measures of toxicity**

#### **Acute toxicity estimates**

Not available.

# Section 12. Ecological information



# 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015 Page 11 of 16 Print Date 02/26/2015

## **Toxicity**

Product/ingredient name	Result	Species	Exposure
Urea			
	Acute LC50 5,000 μg/l Fresh water	Fish - Giant gourami	96 h
	Acute LC50 23,400 µg/l Fresh	Fish - Rohu	96 h
	water		
	Acute LC50 16,700 μg/l Fresh	Fish - Rohu	96 h
	water		
	Acute LC50 64,700 μg/l Fresh	Fish - Rohu	96 h
	water		
	Acute LC50 0.000023 mg/l Fresh	Fish - Mozambique	96 h
	water	tilapia	
	Acute EC50 3,910,000 μg/l Fresh	Aquatic invertebrates.	48 h
	water	Water flea	
	Chronic NOEC 2,000 mg/l Fresh	Fish - Indian catfish	30 d
	water		
Titanium dioxide	T	T =	Table
	Acute LC50 1,000,000 μg/l Marine	Fish - Mummichog	96 h
	water		0.51
	Acute LC50 1,000 mg/l Fresh	Fish - Fathead minnow	96 h
	water	A	40.1
	Acute LC50 5.5 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	A cuto I C50 10 mg/l Engch victor	Aquatic invertebrates.	48 h
	Acute LC50 10 mg/l Fresh water	Water flea	46 11
	Acute LC50 13 mg/l Fresh water	Aquatic invertebrates.	48 h
	Acute LC30 13 mg/11 testi water	Water flea	40 11
	Acute LC50 6.5 mg/l Fresh water	Aquatic invertebrates.	48 h
	Tieuce De 30 0.3 mg/11 resii water	Water flea	10 11
	Acute EC50 19.3 mg/l Fresh water	Aquatic invertebrates.	48 h
	The second secon	Water flea	
	Acute EC50 35.9 mg/l Fresh water	Aquatic plants - Green	72 h
		algae	
	Acute EC50 5.83 mg/l Fresh water	Aquatic plants - Green	72 h
		algae	
69836TFNX WADER BEAR	S NAVY		ı
Remarks - Acute - Aquatic	-	s they are bound within the	polymer matrix.
invertebrates.:		•	
		11 1 1 1 1	

Conclusion/Summary

: Chemicals are not readily available as they are bound within the polymer matrix.

## Persistence and degradability



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Page 12 of 16 Revision Date 02/25/2015 Print Date 02/26/2015

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the

polymer matrix.

**Conclusion/Summary** : Chemicals are not readily available as they are bound within the

polymer matrix.

**Bioaccumulative** potential

Product/ingredient name	LogPow	BCF	Potential
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	8.8	3.00	low
Urea	-1.73	-	low
Titanium dioxide		352.00	low

#### Mobility in soil

Soil/water partition coefficient

(KOC)

Not available.

Other adverse effects : No known significant effects or critical hazards.

# Section 13. Disposal considerations

Disposal methods

The generation of waste should be avoided or minimized 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. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

# **Section 14. Transport information**

U.S. DOT Classification : Not regulated for transportation.



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Page 13 of 16 Revision Date 02/25/2015 Print Date 02/26/2015

ICAO/IATA : Not classified as dangerous good under transport regulations.

IMO/IMDG (maritime) : Not classified as dangerous good under transport regulations.

# Section 15. Regulatory information

U.S. Federal regulations

**United States - TSCA 12(b) - Chemical export notification:** None of the components are listed.

United States - TSCA 4(a) - Final Test Rules: Listed 1,2-

Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich

United States - TSCA 4(a) - ITC Priority list: Not listed United States - TSCA 4(a) - Proposed test rules: Not listed United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: Not listed

United States - TSCA 5(a)2 - Proposed significant new use rules:

Not listed

United States - TSCA 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 6 - Proposed risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined

TOO A

United States - TSCA 8(a) - Preliminary assessment report (PAIR): Listed Quinacridone (C.I. Pigment Violet 19)

United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed

United States - TSCA 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority

pollutants: Listed Phthalocyanine blue

Phenol

Vinyl chloride monomer

United States - EPA Clean water act (CWA) section 311 -

Hazardous substances: Listed

United States - EPA Clean air act (CAA) section 112 - Accidental

release prevention - Flammable substances: Not listed

United States - EPA Clean air act (CAA) section 112 - Accidental

release prevention - Toxic substances: Not listed

**United States - Department of commerce - Precursor chemical:** 

Not listed



# 69836TFNX WADER BEARS NAVY

 Version Number 1.2
 Page 14 of 16

 Revision Date 02/25/2015
 Print Date 02/26/2015

Clean Air Act Section 112(b) : Not listed

**Hazardous Air Pollutants (HAPs)** 

Clean Air Act Section 602 Class I : Not listed

**Substances** 

Clean Air Act Section 602 Class II : Not listed

**Substances** 

**DEA List I Chemicals (Precursor** : Not listed

Chemicals)

**DEA List II Chemicals (Essential**: Not listed

**Chemicals**)

### US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

**SARA 311/312** 

**Classification** : Not applicable.

## Composition/information on ingredients

Name	9/0	Classification
1,2-Benzenedicarboxylic acid, di- C8-10-branched alkyl esters, C9- rich	10 - 30	АН
Urea	1 - 5	АН
Titanium dioxide	1 - 5	СН
Quartz	0.1 - 1	СН

### **SARA 313**

Not applicable.

**State regulations** 

Massachusetts : The following components are listed:

Calcium carbonate Titanium dioxide

New York : None of the components are listed.
New Jersey : The following components are listed:

Calcium carbonate

Ethene, chloro-, homopolymer

Titanium dioxide Phthalocyanine blue



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015

Page 15 of 16 Print Date 02/26/2015

Quartz

Pennsylvania The following components are listed:

Calcium carbonate

Titanium dioxide

Phthalocyanine blue

Quartz

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

**United States inventory (TSCA 8b)** All components are listed or exempted.

Canada inventory All components are listed or exempted.

**International regulations** 

**International lists** Australia inventory (AICS): Not determined.

Taiwan inventory (CSNN): Not determined.

Malaysia Inventory (EHS Register): Not determined. **EINECS:** All components are listed or exempted.

Japan inventory: Not determined.

**China inventory (IECSC):** All components are listed or exempted.

Korea inventory: Not determined.

New Zealand Inventory of Chemicals (NZIoC): Not determined.

Philippines inventory (PICCS): Not determined.

**Chemical Weapons Convention** 

**List Schedule I Chemicals** 

**Chemical Weapons Convention** 

**List Schedule II Chemicals** 

**Chemical Weapons Convention** 

**List Schedule III Chemicals** 

Not listed

Not listed

Not listed

# Section 16. Other information

**History** 

**Date of printing** 02/26/2015 Date of issue/Date of revision 02/25/2015 Date of previous issue 03/10/2010 1.2

Version

Key to abbreviations ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor



## 69836TFNX WADER BEARS NAVY

Version Number 1.2 Revision Date 02/25/2015 Page 16 of 16 Print Date 02/26/2015

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 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine

pollution)

UN = United Nations

**References** : Not available.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.