Version: 3.0 Effective Date: Nov-13-2015 Previous Date: Jun-05-2015



# SAFETY DATA SHEET SPECTRUS\* NX108

## 1. Identification

Product identifier SPECTRUS NX108

Other means of identification None.

Recommended use Biocide

Recommended restrictions None known.

## Company/undertaking identification

GE Betz, Inc. 4636 Somerton Road Trevose, PA 19053 T 215 355 3300, F 215 953 5524

## **Emergency telephone**

(800) 877 1940

# 2. Hazard(s) identification

Physical hazards	Corrosive to metals	Category 1
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1B

Specific target organ toxicity, single exposure

(dermal, inhalation, oral)

Reproductive toxicity

Specific target organ toxicity, single exposure

Specific target organ toxicity, repeated

exposure (oral) Not classified. Category 3 respiratory tract irritation

Category 2 (endocrine system, central nervous

Category 2 (gastrointestinal tract, liver, kidney)

system)

Category 2

## **OSHA** defined hazards

Label elements



Signal word

Hazard statement

Danger

May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled. May cause respiratory irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs (gastrointestinal tract, liver, kidney) by skin contact. May cause damage to organs (gastrointestinal tract, liver, kidney) by ingestion. May cause damage to organs (gastrointestinal tract, liver, kidney) by inhalation. May cause damage to organs (endocrine system, central nervous system) through prolonged or repeated exposure by ingestion.

Precautionary statement

Obtain special instructions before use. Do not handle until all safety precautions have been read and Prevention

understood. Keep only in original container. 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. Contaminated work clothing must not be allowed out of the workplace. Wear protective

gloves/protective clothing/eye protection/face protection.

If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all Response

contaminated clothina. 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, Immediately call a poison center/doctor/. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. Wash

contaminated clothing before reuse. Absorb spillage to prevent material damage.

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in corrosive Storage

resistant/ container with a resistant inner liner.

Disposal Dispose of contents/container to an approved facility. Dispose of contents/container in accordance

with local/regional/national/international regulations.

Hazard(s) not otherwise classified

(HNOC)

None known.

Supplemental information 4% of the mixture consists of component(s) of unknown acute inhalation toxicity.

# 3. Composition/information on ingredients

#### **Mixtures**

Components	CAS#	Percent	
2,2-dibromo-3-nitrilopropionamide	10222-01-2	20 - 40	
Dibromoacetonitrile	3252-43-5	2.5 - 10	
Sodium bromide	7647-15-6	2.5 - 10	

Composition comments

Information for specific product ingredients as required by the U.S. OSHA HAZARD COMMUNICATION STANDARD is listed. Refer to additional sections of this SDS for our assessment of the potential hazards of this formulation.

## 4. First-aid measures

**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.

Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or Skin contact

poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated

clothing before reuse.

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present Eye contact

and easy to do. Continue rinsing. Call a physician or poison control center immediately.

If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical Ingestion

advice/attention if you feel unwell.

Most important

symptoms/effects, acute and

delayed

Burning pain and severe corrosive skin damage. Decrease in motor functions. Edema. Behavioral changes. Narcosis. Jaundice. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Chemical 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 warm. Keep victim under observation. Symptoms may be delayed.

General information

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 Carbon dioxide, dry chemicals, foam, water spray (fog).

Do not use water jet as an extinguisher, as this will spread the fire. Unsuitable extinguishing media

During fire, gases hazardous to health may be formed. Specific hazards arising from the

Special protective equipment and

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. precautions for firefighters

Material name: SPECTRUS\* NX108 Page: 2 / 10 Fire fighting equipment/instructions Specific methods

In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider

the hazards of other involved materials. Cool containers / tanks with water spray.

Use standard firefighting procedures and consider the hazards of other involved materials.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Use water spray to reduce vapors or divert vapor cloud drift. Dike far ahead of spill for later disposal. Absorb spillage to prevent material damage. Use a non-combustible material like vermiculite, sand or

**Environmental precautions** 

earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Water contaminated with this product may be sent to a sanitary sewer treatment facility, or a permitted waste treatment facility, in accordance with any local agreements.

# 7. Handling and storage

Precautions for safe handling

Do not breathe mist or vapor. Do not taste or swallow. Do not mix with alkaline material. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible.

Conditions for safe storage, including any incompatibilities Store locked up. Store in a cool, dry place out of direct sunlight. Store in corrosive resistant container with a resistant inner liner. Keep only in the original container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Store in accordance with local/regional/national/international regulation.

# 8. Exposure controls/personal protection

#### Occupational exposure limits

US. Workplace Environmental Exposure Level (WEEL) Guides

Form Components Value Type Poly(oxy-1,2-ethanediyl), $\alpha$ -hy TWA 10 mg/m3 Particulate dro-ω-hydroxy-

Ethane-1,2-diol, ethoxylated

(CAS 25322-68-3)

No biological exposure limits noted for the ingredient(s). **Biological limit values** 

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Eye wash facilities and emergency shower must be available when handling this product.

#### Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles) and a face shield. Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves. The choice of an appropriate glove does not only depend

on its material but also on other quality features and is different from one producer to the other. Glove

selection must take into account any solvents and other hazards present.

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. Other

If engineering controls do not maintain airborne concentrations below recommended exposure limits Respiratory protection

(where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA'S 29 CFR 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE

CONDITIONS WARRANT A RESPIRATOR'S USE.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as General hygiene considerations

washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be

allowed out of the workplace.

Material name: SPECTRUS\* NX108

# 9. Physical and chemical properties

**Appearance** 

**Color** Colorless, yellow, amber

Physical state Liquid
Odor Slight

Odor threshold Not available.

pH (concentrated product) 1.9

pH in aqueous solution 3.3 (5% SOL.)

Melting point/freezing point 0 °F (-18 °C)

Initial boiling point and boiling Not available.

range

Flash point Not applicable.

Evaporation rate < 1 (Ether = 1)

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.
Flammability limit - upper Not available.

(%)

Explosive limit - lower (%)Not available.Explosive limit - upper (%)Not available.Vapor pressure< 0.1 mm HgVapor pressure temp.70 °F (21 °C)Vapor density> 1 (Air = 1)Relative density1.27

Relative density temperature 70 °F (21 °C)

Solubility(ies)

Solubility (water) 100 %

**Partition coefficient** Not available.

(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.Viscosity64 cpsViscosity temperature70 °F (21 °C)

Viscosity temperature
Other information

Percent volatile0 (Calculated)Pour point5 °F (-15 °C)Specific gravity1.27

10. Stability and reactivity

**Reactivity** May be corrosive to metals.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerization does not occur.

**Conditions to avoid** Keep away from heat. Contact with incompatible materials.

**Incompatible materials** Strong oxidizing agents. Metals. Contact with strong bases may cause a violent reaction releasing heat.

**Hazardous decomposition** Oxides of carbon and nitrogen evolved in fire. Hydrogen bromide.

products

# 11. Toxicological information

## Information on likely routes of exposure

**Inhalation** Harmful if inhaled. May cause damage to organs by inhalation. May cause damage to organs through

prolonged or repeated exposure by inhalation.

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**Skin contact** Causes severe skin burns. May cause damage to organs by skin contact. May cause an allergic skin

reaction.

**Eye contact** Causes serious eye damage.

**Ingestion** May cause damage to organs through prolonged or repeated exposure by ingestion. Causes digestive

tract burns. Harmful if swallowed. May cause damage to organs by ingestion.

Symptoms related to the physical, chemical and toxicological

characteristics

Burning pain and severe corrosive skin damage. Behavioral changes. Decrease in motor functions. Edema. Narcosis. Jaundice. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and burned vision. Permanent eye damage including blindness could result. May

cause respiratory irritation.

#### Information on toxicological effects

Acute toxicity Harmful if swallowed. May cause an allergic skin reaction. May cause respiratory irritation.

Product	Species	Test Results
SPECTRUS NX108 (CAS Mixt	ure)	
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, (Calculated according to GHS additivity formula)
Inhalation		
LC50	Rat	1.3 mg/l, 4 hours, (Calculated according to GHS additivity formula)
Oral		
LD50	Rat	510 mg/kg, (Calculated according to GHS additivity formula)
Components	Species	Test Results
2,2-dibromo-3-nitrilopropio	namide (CAS 10222-01-2)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	0.32 mg/l, 4 Hour
Oral		
LD50	Rat	206 mg/kg
Dibromoacetonitrile (CAS 32	252-43-5)	
Acute		
Oral		
LD50	Rat	245 mg/kg
Sodium bromide (CAS 7647	-15-6)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
LD50	Rat	4200 mg/kg

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin burns.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity**No data available to indicate product or any components present at greater than 0.1% are mutagenic or

genotoxic.

**Carcinogenicity** Risk of cancer cannot be excluded with prolonged exposure.

## IARC Monographs. Overall Evaluation of Carcinogenicity

Dibromoacetonitrile (CAS 3252-43-5)

2B Possibly carcinogenic to humans.

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#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Not available.

Reproductive toxicity Suspected of damaging fertility or the unborn child.

Specific target organ toxicity -

single exposure

May cause respiratory irritation. May cause damage to organs (gastrointestinal tract, liver, kidney) by skin contact. May cause damage to organs (gastrointestinal tract, liver, kidney) by ingestion. May cause

damage to organs (gastrointestinal tract, liver, kidney) by inhalation.

Specific target organ toxicity -

repeated exposure

May cause damage to organs (CNS and Endocrine Disruption) through prolonged or repeated exposure

by ingestion.

**Aspiration hazard** Based on available data, the classification criteria are not met. May be harmful if swallowed and enters

airways.

Chronic effects May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful. Prolonged exposure may cause chronic effects.

# 12. Ecological information

## **Ecotoxicity**

Product		Species	Test Results
SPECTRUS NX108 (CAS Mixture	e)		
	LC50	Bluegill Sunfish	6.5 mg/L, Static Acute Bioassay, 96 hour
		Fathead Minnow	8.7 mg/L, Static Renewal Bioassay, 96 hour
		Marine Copepod (Acartia tonsa)	1.78 mg/L, Static Acute Bioassay, 48 hour
		Sheepshead Minnow	7 mg/L, Static Acute Bioassay, 96 hour
	NOEL	Fathead Minnow	3.1 mg/L, Static Renewal Bioassay, 96 hour
Aquatic			
Crustacea	EC50, reproduction	Daphnia magna	0.65 mg/L, Flow-Thru Life-Cycle Chronic Bioassay, 21 day
	LC50	Daphnia magna	3.3 mg/L, Static Renewal Bioassay, 48 hour
	NOEL	Daphnia magna	2.15 mg/L, Static Renewal Bioassay, 48 hour
	Reproduction NOEL	Daphnia magna	0.35 mg/L, Flow-Thru Life-Cycle Chronic Bioassay, 21 day
Fish	LC50	Rainbow Trout	2.3 mg/L, Static Acute Bioassay, 96 hour
	NOEL	Rainbow Trout	1.8 mg/L, Static Acute Bioassay, 96 hour

<sup>\*</sup> Estimates for product may be based on additional component data not shown.

## **Bioaccumulative potential**

Partition coefficient n-octanol / water (log Kow)

2,2-dibromo-3-nitrilopropionamide 0.79

Bioconcentration factor (BCF)

2,2-dibromo-3-nitrilopropionamide 13 Estimated Species: Fish

No data available. Mobility in soil Not available. Other adverse effects

Persistence and degradability

78 % degradation in 28 days

CO2 Evolution (Modified Sturm Test) (OECD 301B)

(Refers to active component: 2,2-dibromo-3-nitrilopropionamide)

- COD (mgO2/g) 1090 (calculated data) - BOD 5 (mgO2/g) 0 (calculated data) 0 (calculated data) - BOD 28 (mgO2/g)

0 - Closed Bottle Test (%

Degradation in 28 days)

0

- Zahn-Wellens Test (% Degradation in 28 days)

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- TOC (mg C/g) 300 (calculated data)

- CO2 evolution (modified

Sturm test)

# 13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the **Disposal instructions** 

material under controlled conditions in an approved incinerator. Dispose of in approved pesticide facility

or according to label instructions.

Hazardous waste code D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel]

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.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since

emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

DOT

**UN number** UN3265

UN proper shipping name Transport hazard class(es) CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2,DIBROMO-3-NITRILOPROPIONAMIDE)

Class 8 Subsidiary risk Ш Packing group

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

153 **ERG** number

Some containers may be exempt from Dangerous Goods/Hazmat Transport Regulations, please check BOL for exact container

classification.

IATA

**UN number** UN3265

UN proper shipping name Transport hazard class(es) CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2,DIBROMO-3-NITRILOPROPIONAMIDE)

Class 8 Subsidiary risk Packing group Ш **Environmental hazards** 

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

**IMDG** 

**UN number** 

UN proper shipping name Transport hazard class(es) CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (2,2 DIBROMO-3-NITRILOPROPIONAMIDE)

8 Class Subsidiary risk Packing group Ш **Environmental hazards** 

Marine pollutant No.

**EmS** Not available.

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

DOT



Page: 7 / 10 Material name: SPECTRUS\* NX108



# 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29

CFR 1910.1200.

This is an EPA registered biocide and is exempt from TSCA inventory requirements. See FIFRA registry

number.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes

Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Water Act (CWA) Hazardous substance

Section 112(r) (40 CFR 68.130)

Safe Drinking Water Act Not regulated.

(SDWA)

Inventory status

Country(s) or regionInventory nameOn inventory (yes/no)\*CanadaDomestic Substances List (DSL)NoCanadaNon-Domestic Substances List (NDSL)YesUnited States & Puerto RicoToxic Substances Control Act (TSCA) InventoryYes

\*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).

FIFRA registration number 3876-95

TSCA This is an EPA registered biocide and is exempt from TSCA inventory requirements.

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#### FIFRA hazard statement This chemical is

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to

certain labeling requirements under federal pesticide law. These requirements differ from the

classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER Corrosive

Causes irreversible eye damage

Harmful if inhaled, swallowed, or absorbed through the skin

Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals

This pesticide is toxic to fish and aquatic organisms

Food and drug administration

The ingredients in this product are approved by FDA under 21 CFR 176.300.

#### **US state regulations**

#### US - Massachusetts RTK - Substance List

Not regulated.

#### US - Pennsylvania RTK - Hazardous Substances

Not regulated.

#### US - Rhode Island RTK

2,2-dibromo-3-nitrilopropionamide (CAS 10222-01-2)

# US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

## US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Dibromoacetonitrile (CAS 3252-43-5)

#### US. New Jersey Worker and Community Right-to-Know Act

2,2-dibromo-3-nitrilopropionamide (CAS 10222-01-2)

## US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

#### **US.** California Proposition 65

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

## US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Dibromoacetonitrile (CAS 3252-43-5) Listed: May 3, 2011

## US - California Proposition 65 - CRT: Listed date/Developmental toxin

No ingredient listed.

#### US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

No ingredient listed.

# US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

No ingredient listed.

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

Issue date Oct-17-2014
Revision date Nov-13-2015

Version # 3.0

**List of abbreviations**CAS: Chemical Abstract Service Registration Number

TWA: Time Weighted Average STEL: Short Term Exposure Limit LD50: Lethal Dose, 50% LC50: Lethal Concentration, 50% NOEL: No Observed Effect Level COD: Chemical Oxygen Demand BOD: Biochemical Oxygen Demand

TOC: Total Organic Carbon

IATA: International Air Transport Association IMDG: International Maritime Dangerous Goods Code

NFPA: National Fire Protection Association

ACGIH: American Conference of Governmental Industrial Hygienists

TSRN indicates a Trade Secret Registry Number is used in place of the CAS number.

**References:** No data available

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**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information

and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process,

unless specified in the text.

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.

Prepared by This SDS has been prepared by GE Water & Process Technologies Regulatory Department

(1-215-355-3300).

Material name: SPECTRUS\* NX108

<sup>\*</sup> Trademark of General Electric Company. May be registered in one or more countries.