

Issue Date 11-Apr-2015

Revision Date 12-June-2015

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

Product Name United 108 QUIK BREAK

### Other means of identification

SDS# UNITED 108

### Recommended use of the chemical

And restrictions on use Non-Flammable Penetrating Oil  
Recommended use For institutional and industrial use only.  
Uses Advised Against

### Details of the supplier of the safety data sheet

Company Name  
United Laboratories, Inc.  
320 37th Avenue  
St. Charles, IL 60174  
www.unitedlabsinc.com  
www.unitedlabsinc.ca

### Emergency telephone number

Emergency Telephone 800-323-2594 (to reorder)  
INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation	Category 2
Eye irritation	Category 2B
Carcinogenicity	Category 2

### Label elements

Emergency Overview

## Warning

### Hazard statements

Contains gas under pressure; may explode if heated. Causes skin and eye irritation. Suspected of causing cancer.



Appearance Clear

Physical state Aerosol

Odor Solvent Scent

**Prevention**

Do not handle until all safety precautions have been read and understood. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

If on skin: Wash with plenty of water. If inhaled: Remove individual 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 so. Continue rinsing. If concerned or exposed, get medical advice/attention. Call a poison control center if you feel unwell. If eye irritation persists: Get medical attention /advice. Take off contaminated clothing and wash before reuse.

**Storage**

Store in well-ventilated place. Keep container tightly closed. Store Locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal**

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

**Hazard(s) not otherwise classified (HNOC)**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Mineral Seal Oil	64741-44-2	8-15%	*
Carbon Dioxide	124-38-9	3-8%	*
Tetrachloroethylene	127-18-4	60-100%	*
Sorbitan Monooleate	1338-43-8	1-5%	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

**First aid measures**

**Skin Contact**

Wash with plenty of water. If skin irritation develops and persists: get medical attention.

**Eye contact**

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

**Inhalation**

Remove individual to fresh air and keep at rest in a position comfortable for breathing. Call poison center or physician if you feel unwell.

**Ingestion**

Rinse mouth with water. Do not induce vomiting unless direct by medical authority. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Eyes: redness, tearing, blurred vision. Skin: Defatting and dermatitis. Inhalation: Irritation. Oral: Abdominal irritation, nausea, vomiting and diarrhea. Possible cancer causing agent.

Indication of any immediate medical attention and special treatment needed

Do not administer adrenaline or epinephrine to an individual of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media

Water. Water Fog. Foam. Dry Chemical.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical

Wear NIOSH and SCBA with a full face piece operated in a positive pressure demand mode with fully body protective clothing when fighting fires. Use water spray only to cool exposed containers.

Protective equipment and precautions for firefighters

Firefighters must use self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials. Keep away from sparks, open flames and hot surfaces. No smoking. Move container from fire area if it can be done without risk.

Hazardous Combustion Products

Oxides of carbon, chlorine, hydrogen chloride and phosgene.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures

Personal precautions

Keep unnecessary personnel away. Wear appropriate protective equipment, such as safety glasses, safety gloves and synthetic apron. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised in significant spillages cannot be contained.

Environmental precautions

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so. Stop leak if you can do so without risk.

Methods for cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Sweep to clean. Dispose in accordance with local, state and federal laws. Small release may be wiped up with wiping material.

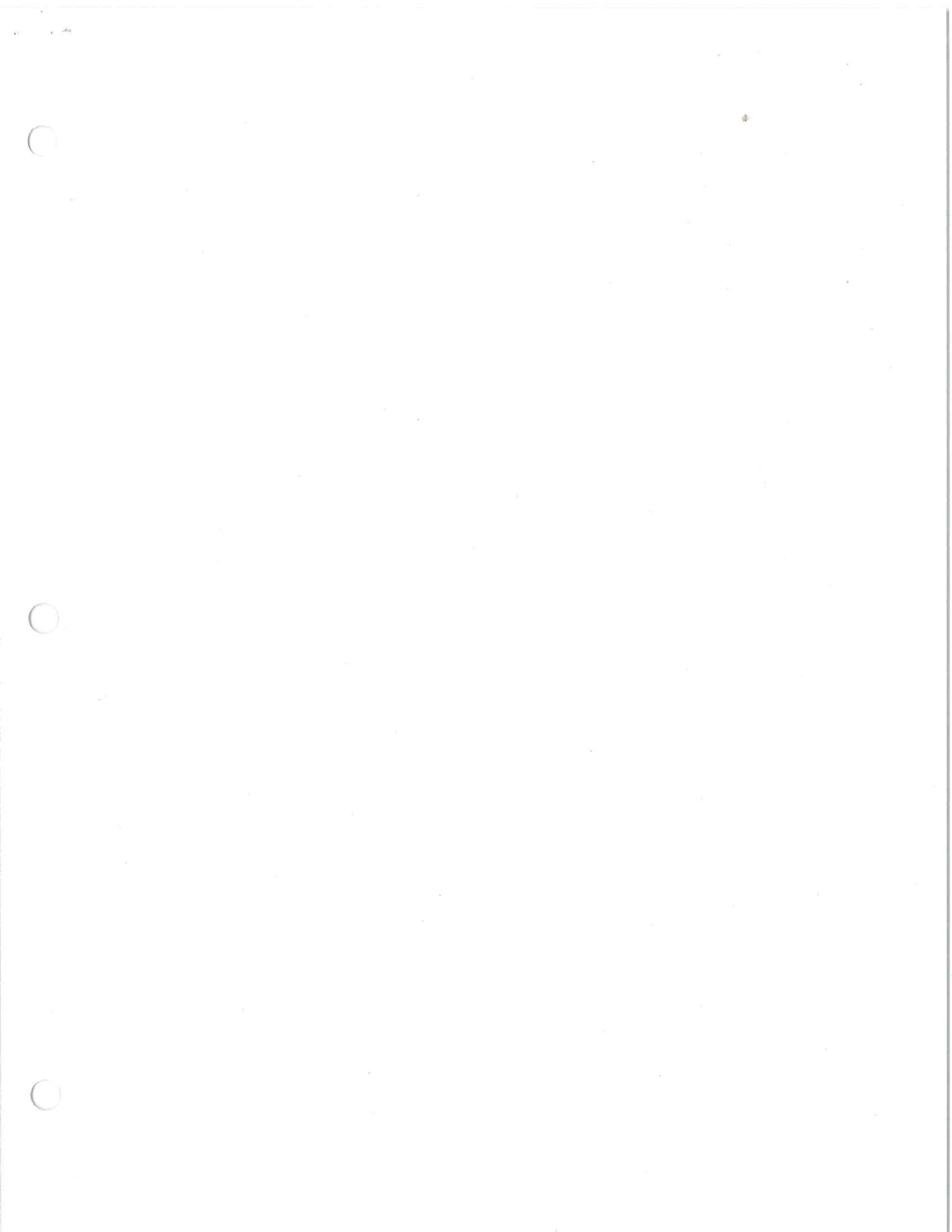
**7. HANDLING AND STORAGE**

Precautions for safe handling

Advice on safe handling

Pressurized container: Do not pierce or burn, even after use. Use only in well-ventilated areas. Provide adequate ventilation.







**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Store locked up. Pressurized container. Do not puncture, incinerate or crush. Do not handle or store near flame, heat and sources of ignition. Avoid exposure to direct sunlight, exceeding 50°C/122°F. Store in well-ventilated area. Keep out of reach of children.

**Incompatible materials** Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers and coatings.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No Exposure limits noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL
Mineral Seal Oil 64747-44-2	5 mg/m3	5 mg/m3
Carbon Dioxide 124-38-9	5000 ppm	5000 ppm
Tetrachloroethylene 127-18-4	100 ppm	25 ppm
Sorbitan Monooleate 1338-43-8	No Information Available	No Information Available

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Engineering Controls** Material is heavier than air. Material may concentrate in low lying areas. Normal forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally recommended.

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

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear protective gloves and suitable protective clothing, which includes a synthetic apron.
- Respiratory protection** Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

**General Hygiene** When using do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Aerosol.  
**Appearance** Clear.  
**Color** Clear Liquid.  
**Odor** Solvent Odor.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No Information available.	
Specific Gravity	1.52 estimated.	
Viscosity	No Information available.	
Melting point/freezing point	No Information available.	
Flash point	None estimated.	

Boiling point/boiling range	188°F (87°C)
Evaporation rate	>3 Fast
Flammability Limit – lower	Not considered flammable.
Flammability Limit – upper	Not considered flammable.
Vapor pressure	59
Vapor density	>2
Relative density	No information available.
Water Solubility	No information available.
Partition coefficient (n-octanol/water)	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature	>400°C.
Viscosity	No information available.
VOC (weight %)	0%

**10. STABILITY AND REACTIVITY**

Reactivity

Chemically active metals and acids.

Chemical stability

Material is stable at normal conditions.

Possibility of Hazardous Reactions

None known.

Conditions to avoid

Temperatures greater than 122°F may cause bursting.

Incompatible materials

Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers and coatings.

Hazardous Decomposition Products

Oxides of carbon, chlorine, hydrogen chloride and phosgene.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

Product Information

Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects and death.
Eye contact	Causes serious eye irritation, redness, tearing, pain visual disturbance, may cause eye damage.
Skin Contact	Irritation likely, pain and redness. May cause defatting, and with prolonged contact to skin, blistering may occur. May be absorbed through the skin.
Ingestion	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting and abdominal cramps.
Symptoms related to the physical, chemical and toxicological characteristics	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses or central nervous system:

Information on toxicological effects

Acute toxicity Expected be to a low hazard for usual industrial or commercial handling by trained personnel.

Chemical Name	Dermal LD50	Oral LD50	Inhalation LC50/NOEL
Tetrachloroethylene (127-18-4)	>3228 mg/kg (Rabbit)	2629 mg/kg (Rat)	34200 mg/m3 8 hours (Rat)

\*Estimates for product may be based on additional component data not shown.

Skin/Eye irritation	May cause redness, tearing and blurred vision. May cause skin defatting and dermatitis.
Sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	Suspected of causing birth defects.
Carcinogenicity	OSHA: Yes ACGIH: A2-Suspected NTP: 2-Anticipated, IARC: 2A-Probable
Chronic health hazards	Possible cancer causing agent.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No Information available.
Aspiration hazard	No information available.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity

This material is toxic to aquatic life.

Persistence and degradability

These products are not biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Soil Mobility

This product is mobile in soil.

**13. DISPOSAL CONSIDERATIONS**

Waste treatment methods

Disposal Considerations Dispose of in accordance with federal, state, and local regulations.

US RCRA Hazardous Waste U List: Reference Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

Waste from residues/unused products Disposal should be in accordance with local, state and federal regulations.

**14. TRANSPORT INFORMATION**

This product meets the exception requirements of Section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/2020 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

DOT

UN/ID No. UN1950  
Proper shipping name Aerosols



Hazard class(es) 2.2 (6.1)  
 Packaging exceptions Not applicable.

**IATA**

UN/ID No. -  
 UN proper shipping name Forbidden by USDOT Regulations  
 Hazard class(es) -

**IMDG**

UN/ID No. UN1950  
 Proper shipping name Aerosols  
 Hazard class(es) 2.2 (6.1)

Environmental hazards Not applicable.

**15. REGULATORY INFORMATION**

**International Inventories**

Tetrachloroethylene (127-18-4) WHMIS (Canada) Class D-1B: Material causing immediate and serious toxic effects (TOXIC). Class D-2A: Material causing other toxic effects (VERY TOXIC).

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory - Yes  
 DSL/NDL - Canadian Domestic Substances List - Yes Non-Domestic Substances List - No

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. (127-18-4) Tetrachloroethylene

**SARA 311/312 Hazard Categories**

Acute health hazard Yes  
 Chronic Health Hazard Yes  
 Fire hazard No  
 Sudden release of pressure hazard Yes  
 Reactive Hazard No

**SARA 304 Emergency release notification**

Not information available.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Tetrachloroethylene (127-18-4) Reportable Quantity=100 lbs.

**US State Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Carbon Dioxide (124-38-9)	X	X	X
Mineral Seal Oil (64741-44-2)	X	X	X
Tetrachloroethylene (127-18-4)	X	X	X
Sorbitan Monooleate (1338-43-8)	X	X	X

**California Proposition 65**

WARNING: This product contains a chemical (Tetrachloroethylene, 127-18-4) known to the State of California to cause cancer.

**16. OTHER INFORMATION**

<u>HMIS</u>	Health hazards 2	Flammability 1	Physical hazards 0	Personal protection G
<u>NFPA</u>	Health hazards 2	Flammability 1	Physical hazards 0	Special hazards None

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Revision Date 3-June-2015

Revision Note

No Information available

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 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.

**End of Safety Data Sheet**