

**SAFETY DATA SHEET****95% Micro Chek 11 / 5% Eso**Version Number 1.0  
Revision Date 07/31/2015Page 1 of 17  
Print Date 08/01/2015**SAFETY DATA SHEET****95% Micro Chek 11 / 5% Eso****Section 1. Identification**

**GHS product identifier** : 95% Micro Chek 11 / 5% Eso  
**Chemical name** : Mixture  
**CAS number** : Mixture  
**Other means of identification** : FO20035961  
**Product type** : liquid

**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).**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** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
SKIN SENSITIZATION - Category 1

**GHS label elements**

## SAFETY DATA SHEET

**95% Micro Chek 11 / 5% Eso**

Version Number 1.0  
Revision Date 07/31/2015

Page 2 of 17  
Print Date 08/01/2015

## Hazard pictograms

:



## Signal word

:

Warning

## Hazard statements

:

Causes skin irritation.  
May cause an allergic skin reaction.

Precautionary statements

## General

:

Not applicable.

## Prevention

:

Wear protective gloves. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

## Response

:

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

## Storage

:

Not applicable.

## Disposal

:

Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Supplemental label elements

:

None known.

## Hazards not otherwise classified

:

None known.

**Section 3. Composition/information on ingredients**

## Substance/mixture

:

Mixture

## Chemical name

:

Mixture

## Other means of identification

:

FO20035961

CAS number/other identifiers

Ingredient name	%	CAS number
2-n-Octyl-4-isothiazolin-3-one	1 - 5	26530-20-1
1,2-Propanediol	1 - 5	Not available.

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**

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 3 of 17  
Print Date 08/01/2015

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

- |                     |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Inhalation</b>   | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 adverse health effects persist or are severe. 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. 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.                                                    |
| <b>Skin contact</b> | : | 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.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Ingestion</b>    | : | 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 adverse health effects persist or are severe. 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. |

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

### Potential acute health effects

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 4 of 17  
Print Date 08/01/2015

- |                     |   |                                                                                                                  |
|---------------------|---|------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : | Causes serious eye irritation.                                                                                   |
| <b>Inhalation</b>   | : | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| <b>Skin contact</b> | : | Causes skin irritation. May cause an allergic skin reaction.                                                     |
| <b>Ingestion</b>    | : | Irritating to mouth, throat and stomach.                                                                         |

#### Over-exposure signs/symptoms

- |                     |   |                                                                                          |
|---------------------|---|------------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : | Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness |
| <b>Inhalation</b>   | : | No specific data.                                                                        |
| <b>Skin contact</b> | : | Adverse symptoms may include the following:<br>irritation<br>redness                     |
| <b>Ingestion</b>    | : | No specific data.                                                                        |

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

- |                                   |   |                                                                                                                                                                                                                                                               |
|-----------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes to physician</b>         | : | 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.                                                                                           |
| <b>Specific treatments</b>        | : | No specific treatment.                                                                                                                                                                                                                                        |
| <b>Protection of first-aiders</b> | : | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

#### Extinguishing media

- |                                       |   |                                                                                 |
|---------------------------------------|---|---------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | : | In case of fire, use water spray (fog), foam, dry chemical or CO <sub>2</sub> . |
| <b>Unsuitable extinguishing media</b> | : | None known.                                                                     |

- |                                                   |   |                                                                                                  |
|---------------------------------------------------|---|--------------------------------------------------------------------------------------------------|
| <b>Specific hazards arising from the chemical</b> | : | In a fire or if heated, a pressure increase will occur and the container may burst.              |
| <b>Hazardous thermal decomposition products</b>   | : | Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide |

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 5 of 17  
Print Date 08/01/2015

nitrogen oxides  
sulfur oxides

- Special protective actions for fire-fighters** : 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 self-contained 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 6 of 17  
Print Date 08/01/2015

contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : 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. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : 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
1,2-Propanediol	AIHA WEEL (1999-01-01) Time Weighted Average (TWA) 10 mg/m <sup>3</sup>

- 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

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 7 of 17  
Print Date 08/01/2015

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. 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.
- 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: chemical splash goggles.

#### 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- 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 involved and should be approved by a specialist before handling this product.
- Respiratory 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.

## Section 9. Physical and chemical properties

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 8 of 17  
Print Date 08/01/2015

#### Appearance

Physical state	: liquid [liquid]
Color	: NO PIGMENT
Odor	: Not available.
Odor threshold	: Not available.
pH	: 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 (flammable) limits	: <b>Lower:</b> Not available. <b>Upper:</b> Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: Not available.
Solubility	: Not available.
Solubility in water	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
SADT	: Not available.
Viscosity	: <b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

### Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
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	: Keep away from strong acids. Oxidizer.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 9 of 17  
Print Date 08/01/2015

## 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
2-n-Octyl-4-isothiazolin-3-one				
	LD50 Oral	Rat	550 mg/kg	-
	LD50 Dermal	Rabbit	690 mg/kg	-
1,2-Propanediol				
	LD50 Oral	Rat	20,000 mg/kg	-
	LD50 Dermal	Rabbit	20,800 mg/kg	-
	LD50 Dermal	Rabbit	20,800 mg/kg	-

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

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-n-Octyl-4-isothiazolin-3-one	Eyes - Severe irritant	Rabbit			-
1,2-Propanediol	Skin - Mild irritant	Woman		96 hrs	-
	Skin - Mild irritant	Human		168 hrs	-
	Skin - Moderate irritant	Human		72 hrs	-
	Eyes - Mild irritant	Rabbit			-
	Eyes - Mild irritant	Rabbit		24 hrs	-
	Skin - Moderate irritant	Child		96 hrs	-

**Conclusion/Summary**

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

#### Sensitization

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 10 of 17  
Print Date 08/01/2015

#### 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.

#### 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 exposure** : Not available.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.  
**Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Skin contact** : Causes skin irritation. May cause an allergic skin reaction.  
**Ingestion** : Irritating to mouth, throat and stomach.

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

**Eye contact** : Adverse symptoms may include the following:  
pain or irritation

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 11 of 17  
Print Date 08/01/2015

	watering
	redness
<b>Inhalation</b>	: No specific data.
<b>Skin contact</b>	: Adverse symptoms may include the following: irritation redness
<b>Ingestion</b>	: No specific data.

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

##### Short term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

##### Long term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

##### Potential chronic health effects

<b>Conclusion/Summary</b>	: Mixture. Not fully tested.
<b>General</b>	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Teratogenicity</b>	: No known significant effects or critical hazards.
<b>Developmental effects</b>	: No known significant effects or critical hazards.
<b>Fertility effects</b>	: No known significant effects or critical hazards.

#### Numerical measures of toxicity

##### Acute toxicity estimates

<b>Route</b>	<b>ATE value</b>
Oral	7,639.7 mg/kg
<b>Route</b>	<b>ATE value</b>
Dermal	14,526.3 mg/kg
<b>Route</b>	<b>ATE value</b>
Inhalation (vapors)	63.16 mg/l

## SAFETY DATA SHEET

## 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 12 of 17  
Print Date 08/01/2015

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
2-n-Octyl-4-isothiazolin-3-one			
	Acute LC50 0.154 mg/l Fresh water	Fish - Golden shiner	96 h
	Acute LC50 0.0655 mg/l Fresh water	Fish - Rainbow trout,donaldson trout	96 h
	Acute LC50 0.05 mg/l Fresh water	Fish - Rainbow trout,donaldson trout	96 h
	Acute LC50 0.047 mg/l Fresh water	Fish - Rainbow trout,donaldson trout	96 h
	Acute LC50 0.14 mg/l Fresh water	Fish - Fathead minnow	96 h
	Acute EC50 0.107 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 0.32 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 0.18 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Chronic No-observable-effect-concentration 0.0085 mg/l	Fish - Fathead minnow	35 d
	Chronic No-observable-effect-concentration 0.074 mg/l Marine water	Aquatic invertebrates. Water flea	21 d
1,2-Propanediol			
	Acute LC50 710 mg/l Fresh water	Fish - Fathead minnow	96 h
	Acute LC50 34,060 mg/l Fresh water	Fish - Fathead minnow	96 h
	Acute LC50 55,770 mg/l Fresh water	Fish - Fathead minnow	96 h
	Acute EC50 > 10,000 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 > 1,000 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 > 1,000 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 > 110 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h

**Conclusion/Summary** : Not available.

### Persistence and degradability

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 13 of 17  
Print Date 08/01/2015

**Conclusion/Summary** : Not available.

#### Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-n-Octyl-4-isothiazolin-3-one	2.45	-	low
1,2-Propanediol	-1.070.085	-	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. 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. 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.  
ICAO/IATA : Consult mode specific transport rules

## SAFETY DATA SHEET

**95% Micro Chek 11 / 5% Eso**

Version Number 1.0  
Revision Date 07/31/2015

Page 14 of 17  
Print Date 08/01/2015

IMO/IMDG (maritime) : Consult mode specific transport rules

**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:** Not listed
  - 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 precursor:** Not listed
  - United States - TSCA 8(a) - Chemical Data Reporting (CDR):** Not determined
  - United States - TSCA 8(a) - Preliminary assessment report (PAIR):** Not listed
  - 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:** Not listed
  - United States - EPA Clean water act (CWA) section 311 - Hazardous substances:** Not 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
- Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)** : Not listed
- Clean Air Act Section 602 Class I Substances** : Not listed
- Clean Air Act Section 602 Class II Substances** : Not listed
- DEA List I Chemicals (Precursor Chemicals)** : Not listed

## SAFETY DATA SHEET

### 95% Micro Chek 11 / 5% Eso

Version Number 1.0  
Revision Date 07/31/2015

Page 15 of 17  
Print Date 08/01/2015

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

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

not applicable

#### SARA 311/312

**Classification** : Immediate (acute) health hazard

#### Composition/information on ingredients

Name	%	Classification
2-n-Octyl-4-isothiazolin-3-one	1 - 5	AH
1,2-Propanediol	1 - 5	AH

#### SARA 313

Not applicable.

#### State regulations

**Massachusetts** : None of the components are listed.  
**New York** : None of the components are listed.  
**New Jersey** : The following components are listed:  
 1,2-Propanediol  
**Pennsylvania** : The following components are listed:  
 1,2-Propanediol

#### California Prop. 65

This PolyOne product does not contain any chemical known to the State of California to cause cancer, or birth defects or other reproductive harm, in concentrations that require a warning notice under California's Proposition 65. This statement relies in part on information provided by the buyer of this PolyOne product. PolyOne does not control or have complete knowledge of the end uses to which that buyer or any other entity in the chain of distribution and marketing may put this PolyOne product. Therefore, the buyer of this PolyOne product, each entity that uses this PolyOne product in formulating another product, and each entity in the chain of distribution and marketing of any product that includes the material in this PolyOne product must make its own decision as to giving a Proposition 65 warning.

**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):** All components are listed or exempted.

## SAFETY DATA SHEET

**95% Micro Chek 11 / 5% Eso**

Version Number 1.0  
Revision Date 07/31/2015

Page 16 of 17  
Print Date 08/01/2015

**Taiwan inventory (CSNN):** All components are listed or exempted.  
**Malaysia Inventory (EHS Register):** Not determined.  
**EINECS:** All components are listed or exempted.  
**Japan inventory:** All components are listed or exempted.  
**China inventory (IECSC):** All components are listed or exempted.  
**Korea inventory:** All components are listed or exempted.  
**New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.  
**Philippines inventory (PICCS):** All components are listed or exempted.

**Chemical Weapons Convention List Schedule I Chemicals** : Not listed  
**Chemical Weapons Convention List Schedule II Chemicals** : Not listed  
**Chemical Weapons Convention List Schedule III Chemicals** : Not listed

## Section 16. Other information

### History

**Date of printing** : 08/01/2015  
**Date of issue/Date of revision** : 07/31/2015  
**Date of previous issue** : 00/00/0000  
**Version** : 1.0

### **Key to abbreviations**

: ATE = Acute Toxicity Estimate  
 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 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



## SAFETY DATA SHEET

### **95% Micro Chek 11 / 5% Eso**

Version Number 1.0

Revision Date 07/31/2015

Page 17 of 17

Print Date 08/01/2015

---

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.