

# SAFETY DATA SHEET

## NUCLO CONDITIONER & STABILIZER

### Section 1. Chemical product and company identification

**Product name** : NUCLO Brand 1301-1360 CONDITIONER & STABILIZER  
**Recommended use and restrictions** : Pool chemical

Use only for the purpose on the product label.

**Product dilution information** : Not applicable

**Supplier's information** : QUALCO, INC.  
225 Passaic Street  
Passaic, NJ 07055 **973-473-1222**

**Code** : 1300-1309  
**Date of issue** : 28 **December 2019**

EMERGENCY HEALTH INFORMATION: CHEMTREC 800-424-9300

### Section 2. Hazards identification

**GHS Classification** : **Product AS SOLD**  
: Not classified.

#### GHS label elements

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

#### Precautionary statements

**Prevention** : Wash thoroughly after handling.  
**Response** : Get medical attention if symptoms appear.  
**Storage** : No other specific measures identified.  
**Disposal** : See section 13 for waste disposal information.  
**Other hazards** : Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

**Product AT USE DILUTION**  
Product is sold ready to use.

### Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

#### **Product AS SOLD**

Hazardous ingredients	Concentration Range (%)	CAS number
isocyanuric acid	>50	108-80-5

## Section 3. Composition/information on ingredients

### Product AT USE DILUTION

#### Hazardous ingredients

#### Concentration Range (%)

#### CAS number

Product is sold ready to use.

## Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: No known effect after eye contact. Rinse with water for a few minutes.	Product is sold ready to use.
<b>Skin contact</b>	: No known effect after skin contact. Rinse with water for a few minutes.	
<b>Inhalation</b>	: No special measures required. Treat symptomatically.	
<b>Ingestion</b>	: Get medical attention if symptoms occur.	
<b>Protection of first-aiders</b>	: No action shall be taken involving any personal risk or without suitable training.	
<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.	

See toxicological information (section 11)

## Section 5. Fire-fighting measures

### Product AS SOLD

<b>Suitable fire extinguishing media</b>	: Use dry chemical powder.
<b>Specific hazards arising from the chemical</b>	: No specific fire or explosion hazard.
<b>Hazardous thermal decomposition products</b>	: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
<b>Specific fire-fighting methods</b>	: 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.
<b>Special protective equipment for fire-fighters</b>	: 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

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: Use personal protective equipment as required.	Product is sold ready to use.
<b>Environmental precautions</b>	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	
<b>Methods for cleaning up</b>	: Collect spillage. Use a water rinse for final clean-up.	

## Section 7. Handling and storage

	<b>Product AS SOLD</b>
<b>Handling</b>	: Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children.

Store between the following temperatures: 0 and 50°C

### Product AT USE DILUTION

Product is sold ready to use.

## Section 8. Exposure controls/personal protection

### Control parameters

Ingredient name	Exposure limits
isocyanuric acid	<b>AIHA WEEL (United States, 10/2011).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total

	<b>Product AS SOLD</b>
<b>Appropriate engineering controls</b>	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

### Personal protection

<b>Eye protection</b>	: No protective equipment is needed under normal use conditions.
<b>Hand protection</b>	: No protective equipment is needed under normal use conditions.
<b>Skin protection</b>	: No protective equipment is needed under normal use conditions.
<b>Respiratory protection</b>	: A respirator is not needed under normal and intended conditions of product use.
<b>Hygiene measures</b>	: Wash hands before eating, drinking or smoking.

### Product AT USE DILUTION

Product is sold ready to use.

## Section 9. Physical and chemical properties

	<b>Product AS SOLD</b>
<b>Physical state</b>	: Powder
<b>Color</b>	: White
<b>Odor</b>	: Odorless
<b>pH</b>	: 3.5 (1%)
<b>Flash point</b>	: > 100°C
<b>Explosion limits</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: Not available.
<b>Evaporation rate (butyl acetate = 1)</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 0.8 (Water = 1)
<b>Solubility</b>	: Not available.
<b>Partition coefficient: n-octanol/water</b>	: Not available.

### Product AT USE DILUTION

Product is sold ready to use.

## Section 9. Physical and chemical properties

Auto-ignition temperature : Not available.  
 Decomposition temperature : Not available.  
 Odor threshold : Not available.  
 Viscosity : Not available.

## Section 10. Stability and reactivity

### Product AS SOLD

Stability : The product is stable.  
 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.  
 Conditions to avoid : No specific data.  
 Materials to avoid : Reactive or incompatible with the following materials: metals and alkalis.  
 Slightly reactive or incompatible with the following materials: acids.  
 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Ingestion

### Product AS SOLD

#### Symptoms

Eye contact : No specific data.  
 Skin contact : No specific data.  
 Inhalation : Adverse symptoms may include the following:  
 respiratory tract irritation  
 coughing  
 Ingestion : No specific data.

#### Acute toxicity

Eye contact : No known significant effects or critical hazards.  
 Skin contact : No known significant effects or critical hazards.  
 Inhalation : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.  
 Ingestion : No known significant effects or critical hazards.

#### Toxicity data

##### Product/ingredient name

isocyanuric acid	LC50 Inhalation Dusts and mists	Rat	5.25 mg/l
	LD50 Dermal	Rabbit	>5000 mg/kg
	LD50 Oral	Rat	>5000 mg/kg

### Product AT USE DILUTION

Product is sold ready to use.

#### Chronic toxicity

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.

## Section 12. Ecological information

### Product AS SOLD

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic and terrestrial toxicity

Product/ingredient name	Result	Species	Exposure
isocyanuric acid	Acute LC50 >1000 mg/l	Fish	96 hours

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

## Section 13. Disposal considerations

**Disposal methods** : Diluted product can be flushed to sanitary sewer.  
Discard empty container in trash.

### Product AS SOLD

### Product AT USE DILUTION

Product is sold ready to use.

## Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### DOT

DOT Classification : Not regulated.

### IMO/IMDG

IMO/IMDG Classification : Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

### Product AT USE DILUTION

Not intended for transport.

## Section 15. Regulatory information

### Product AS SOLD

### U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

EPA Registration No. : Adjuvant

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

<u>SARA 313</u>	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
Form R - Reporting requirements	: No listed substance		

California Prop. 65 : No listed substance

## Section 16. Other information

## Section 16. Other information

Product AS SOLD

Hazardous Material :  
Information System (U.S.A.)

Health	0
Flammability	0
Physical hazards	0

National Fire Protection :  
Association (U.S.A.)



Date of issue : 28 December 2019

Prepared by : Regulatory Affairs

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.