


1: Identification

- **1.1 Product identifier**
- **Trade name:** *UIC Nozzle Clean Concentrate*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** *Void*
- **Application of the substance / the mixture** *Cleaning agent/ Cleaner*
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**
*Universal Instruments Corporation
33 Broome Corporate Parkway
Conklin, NY 13748
Tel. (607) 779-5000
www.uic.com
universal@uic.com*
- **Information department:** *Infotrac*
- **1.4 Emergency telephone number:** *800-535-5053*

2: Hazard(s) identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
-  **Irritant**
Irritating to eyes and skin.
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of international guidelines.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **2.2 Label elements**
- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with directives on hazardous materials.
- **Code letter and hazard designation of product:**
Irritant
- **Risk phrases:**
Irritating to eyes and skin.
- **Safety phrases:**
*Avoid contact with skin and eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
After contact with skin, wash immediately with plenty of water*
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**
*Health = 1
Fire = 0
Reactivity = 0*
- **HMIS-ratings (scale 0 - 4)**
*Health = 1
Fire = 0
Reactivity = 0*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

Trade name: UIC Nozzle Clean Concentrate

(Contd. of page 1)

3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of the substances with nonhazardous additions.
- **Dangerous components:** Trade Secret
- **SVHC** None

4: First-aid measures

- **4.1 Description of first aid measures**
- **General information:** Take affected persons out into the fresh air.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately remove any clothing soiled by the product.
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5: Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7: Handling and storage

- **7.1 Precautions for safe handling**
The usual precautionary measures for handling chemicals should be followed.

(Contd. on page 3)

Trade name: UIC Nozzle Clean Concentrate

(Contd. of page 2)

- **Information about protection against explosions and fires:**
Cool endangered receptacles with water spray.
Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Provide floor trough without outlet.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:** Trade Secret
- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Ensure good ventilation/exhaustion at the workplace.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed goggles

9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Fluid
Color:	Colorless
Odor:	Characteristic
Odour threshold:	Not determined
- **pH-value (10 g/l) at 20 °C (68 °F):** 10.8 +/- 0.5

(Contd. on page 4)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/07/2014

V - 1

Reviewed on 07/07/2014

Trade name: UIC Nozzle Clean Concentrate

(Contd. of page 3)

· Change in condition	
Melting point/Melting range:	< 0 °C (< 32 °F)
Boiling point/Boiling range:	100 - 174 °C (212 - 345 °F)
· Flash point:	None
· Ignition temperature:	None
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	None
Upper:	None
· Vapor pressure:	Not determined.
· Density at 20 °C (68 °F):	1.04 +/- 0.02 g/cm ³ (8.679 +/- 0.167 lbs/gal)
· Solubility in / Miscibility with Water:	Soluble.
· Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
· 9.2 Other information	No further relevant information available.

10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**
Store away from oxidizing agents.
Do not store together with acids.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** Trade Secret
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

(Contd. on page 5)

USA

Safety Data Sheet

acc. to OSHA HCS

Printing date 07/07/2014

V - 1

Reviewed on 07/07/2014

Trade name: UIC Nozzle Clean Concentrate

(Contd. of page 4)

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:** Trade Secret

- **12.2 Persistence and degradability** No further relevant information available.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Other adverse effects** No further relevant information available.

13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation:** Disposal must be made according to official regulations.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14: Transport information

- **14.1 UN-Number**

- **DOT, ADR, ADN, IMDG, IATA** Not applicable

- **14.2 UN proper shipping name**

- **DOT, ADR, ADN, IMDG, IATA** Not applicable

- **14.3 Transport hazard class(es)**

- **DOT, ADR, ADN, IMDG, IATA**

- **Class** Not applicable

- **14.4 Packing group**

- **DOT, ADR, IMDG, IATA** Not applicable

- **14.5 Environmental hazards:**

None

- **Marine pollutant:**

No

- **14.6 Special precautions for user**

None

- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

(Contd. on page 6)

USA

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/07/2014

V - 1

Reviewed on 07/07/2014

Trade name: UIC Nozzle Clean Concentrate

(Contd. of page 5)

· **Transport/Additional information:** Not dangerous according to the above specifications.

15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

· **Sara**

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 07/07/2014 / -