

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Liquid  
Product name. : IOCID 30  
Product code : 560

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**1.2.1. Relevant identified uses**

Main use category : Industrial  
Function or use category : See product bulletin for detailed information.

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

CID LINES NV  
Waterpoortstraat, 2  
B-8900 Ieper - Belgique  
T + 32 57 21 78 77 - F +32 57 21 78 79  
[sds@cidlines.com](mailto:sds@cidlines.com) - <http://www.cidlines.com>

**1.4. Emergency telephone number**

Country	Official advisory body	Address	Emergency number
Worldwide	<a href="http://www.who.int/ipcs/poisons/centre/directory/en">www.who.int/ipcs/poisons/centre/directory/en</a>		

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

C; R35  
Full text of R-phrases: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger

Hazard statements (CLP) : H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H317 - May cause an allergic skin reaction  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P285 - In case of inadequate ventilation wear respiratory protection  
P305+P351+P338+P310: 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 or doctor/physician  
P303+P361+P353+P310: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician  
P304+P341 - IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing  
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

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according to Regulation (EC) No. 453/2010

### Labelling according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols :



C - Corrosive

R-phrases : R22 - Harmful if swallowed.  
R35 - Causes severe burns.

S-phrases : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 - After contact with skin, wash immediately with plenty of water.  
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.  
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Alcohol(C12-15)EO(10-20)	(CAS No.)68131-39-5 (EC no)500-195-7	15 - 30	Xn; R22 Xi; R41
Phosphoric acid	(CAS No.)7664-38-2 (EC no)231-633-2 (EC index no)15-011-00-6	5 - 15	C; R34
Iodine	(CAS No.)7553-56-2 (EC no)231-442-4 (EC index no)53-001-00-3	1 - 5	Xn; R20/21 N; R50
Sodium iodide	(CAS No.)7681-82-5 (EC no)231-679-3	1 - 5	Xi; R36/37/38

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohol(C12-15)EO(10-20)	(CAS No.)68131-39-5 (EC no)500-195-7	15 - 30	Eye Dam. 1, H318 Acute Tox. 4 (Oral), H302
Phosphoric acid	(CAS No.)7664-38-2 (EC no)231-633-2 (EC index no)15-011-00-6	5 - 15	Met. Corr. 1, H290 Skin Corr. 1B, H314
Iodine	(CAS No.)7553-56-2 (EC no)231-442-4 (EC index no)53-001-00-3	1 - 5	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Aquatic Acute 1, H400
Sodium iodide	(CAS No.)7681-82-5 (EC no)231-679-3	1 - 5	Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335

Full text of R-, H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim to fresh air. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : Remove contaminated clothing and shoes. Flush with plenty of water. Seek medical attention if ill effect or irritation develops.

First-aid measures after eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

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### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact	: Prolonged skin contact may cause a severe effect, progressing to a delayed burn. Causes burns.
Symptoms/injuries after eye contact	: Redness, pain. Risk of serious damage to eyes. Blurred vision.
Symptoms/injuries after ingestion	: Sore throat. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Ingestion unlikely.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Foam. Water spray.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Not flammable.
Reactivity	: Thermal decomposition generates : Corrosive vapours.

### 5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Wear proper protective equipment. Use water spray or fog for cooling exposed containers.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
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#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment	: Collect spills and put it into appropriated container.
Methods for cleaning up	: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Dilute residues and flush.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Both local exhaust and general room ventilation are usually required.
Precautions for safe handling	: Avoid all unnecessary exposure. Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Protect from freezing. Keep at temperature not exceeding 50 °C. Keep container closed when not in use.
Incompatible materials	: Do not store in corrodable metal.
Storage area	: Keep only in the original container in a cool, well ventilated place.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

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### 8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation.  
Personal protective equipment : Gloves. Protective clothing. Protective goggles.



Hand protection : Gloves. chemical resistant PVC gloves (to European standard EN 374 or equivalent).  
Eye protection : Use eye protection to EN 166, designed to protect against liquid splashes. Chemical goggles or face shield with safety glasses.  
Skin and body protection : Protective clothing compliant with EN 943 part 2. Wear suitable protective clothing.  
Respiratory protection : Approved dust or mist respirator should be used if airborne particles are generated when handling this material.  
Other information : When using, do not eat, drink or smoke. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Colour : dark brown.  
Odour : Characteristic.  
Odour threshold : No data available  
pH : ca. 0,95 (100%)  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : No data available  
Freezing point : -16,5 °C  
Boiling point : No data available  
Flash point : No data available  
Self ignition temperature : No data available  
Decomposition temperature : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : No data available  
Relative vapour density at 20 °C : No data available  
Relative density : No data available  
Density : ca. 1,16 kg/m<sup>3</sup>  
Solubility : Water: 100 %  
Log Pow : No data available  
Log Kow : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available  
Explosive properties : No data available  
Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

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### 10.6. Hazardous decomposition products

Thermal decomposition generates :Corrosive vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Corrosive to eyes, respiratory system and skin.
Irritation	: Corrosive pH: ca. 0,95 (100%)
Corrosivity	: Corrosive to eyes, respiratory system and skin. pH: ca. 0,95 (100%)
Sensitisation	: Not applicable
Repeated dose toxicity	: No data available
Carcinogenicity	: No data available
Mutagenicity	: No data available
Toxicity for reproduction	: No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

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Persistence and degradability	Readily biodegradable. >60% BOD, 28 days, Closed Bottle Test (OECD). The surfactant(s) contained in this preparation complies 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.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

### 14.1. UN number

UN-No. : 3265

### 14.2. UN proper shipping name

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.  
Transport document description : UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Phosphoric acid), 8, III, (E)

### 14.3. Transport hazard class(es)

Class (UN) : 8  
Hazard labels (UN) : 8



### 14.4. Packing group

Packing group (UN) : III

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### 14.5. Environmental hazards

Other information : Clean up even minor leaks or spills if possible without unnecessary risk.

### 14.6. Special precautions for user

Special transport precautions : The driver shall not attempt to deal with any fire of the load. No naked lights. No smoking. Keep public away from danger area. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

#### 14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80

Classification code (ADR) : C3

Orange plates :



Tunnel restriction code : E

LQ : LQ07

Excepted quantities (ADR) : E1

EAC code : 2X

APP code : B

#### 14.6.2. Transport by sea

Ship Safety Act : Corrosive substances

Port Regulation Law : Corrosive substances

MFAG-No. : 154

#### 14.6.3. Air transport

Instruction "cargo" (ICAO) : Packaging instructions cargo : 820

Instruction "passenger" (ICAO) : Packaging instructions passenger: 818

Civil Aeronautics Law : Corrosive substances

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

Other regulations, restrictions and prohibition regulations : Ensure all national/local regulations are observed.

#### 15.1.2. National regulations

Water hazard class (WGK) : 1 - slightly hazardous to water

### 15.2. Chemical safety assessment

No additional information available

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### SECTION 16: Other information

Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1B	skin corrosion/irritation Category 1B
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
R20/21	Harmful by inhalation and in contact with skin.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU CLP DPD

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*