



CDR S.r.l.  
Via degli Artigiani, 6  
50020 Ginestra F.na (FI)

MATERIAL SAFETY DATA SHEET  
**UREA TEST KIT ON MILK**

Revision: 1  
of 07/06/12

Date of compilation: 08/04/10

In accordance with EC Directive 1907/06 and Regulation (EU) 453/2010

## 1. Identification of the substance/mixture and of the company/enterprise

1.1 Product identifier: UREA R1

1.2 Relevant identified uses of the substance or mixture:

*Reagent for food analysis*

1.3 Details of the supplier of the safety data sheet:

**CDR S.r.l.**  
**Via degli Artigiani, 6**  
**50020 Ginestra F.na (FI)**  
**Italy**

Tel: +39 055-871431  
Fax: +39 055-8714322

1.4 Emergency phone number:  
**+39 055-871431**

e-mail TC: [cdr@cdr-mediated.it](mailto:cdr@cdr-mediated.it)

## 2. Hazards identification

2.1 Classification of the substance or mixture

**Classification according to Directives 67/548/EEC – 1999/45/EC:**

This mixture is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Nevertheless, this mixture contains dangerous substances in concentrations that must be declared in section No. 3 and requires a safety data sheet containing all the information required under the Regulation (EC) 1907/2006 and subsequent amendments.

2.2. Label elements:

**Warning symbols:** none

**Hazard sentences (R):** none

**Caution recommendations (S):** none

*Safety data sheet available upon request for professional users.*

2.3 Other hazards:

none information

## 3. Composition/Information on ingredients

---

Product: **UREA TEST KIT ON MILK**

---

Chemical composition:

Name	Concentration (C)	Classification			
		Directive 67/548/CEE		Directive 67/ 548/CEE	
Sodium nitroferricyanide dihydrate Cas No 13755-38-9 CE No 238-373-9	0 <= C < 0,2	T	R25	Acute Tox. 3	H301

The full text of hazard statements and risk phrases (R) is specified in section 16.

**4. First-aid measures**

*4.1 Description of first aid measures*

Inhalation

Remove to fresh air. If breathing is irregular seek medical advice.

Skin contact

Remove contaminated clothing and wash with plenty of water and soap. In case of irritation seek medical attention. Wash contaminated clothing before using them.

Eyes contact

Irrigate copiously with clean, fresh water for at least 15 minutes. In case of irritation seek medical attention.

Ingestion

Obtain medical attention. Don't induce vomiting. Never give anything by mouth to an unconscious person unless authorized by the doctor.

Other

Change contaminated clothing.

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

not available

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

not available

**5. Fire-fighting measures**

*5.1 Extinguishing media*

*Advised extinguishing agents:*

CO<sub>2</sub>, nebulized water, foam, chemical powder

*Unappropriate extinction methods:*

none

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

The product under fire condition may develop irritant/toxic gas

*5.3. Advice for firefighters*

Wear the fire equipment all the time.

---

Product: **UREA TEST KIT ON MILK**

---

Water used in fire-fighting has to be disposed following Local regulation.

**6. Accidental release measures**

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

Avoid contact with skin and eyes. In case of formation of vapours use suitable protective devices. Supply a good air circulation. Move away any unauthorised person.

*6.2. Environmental precautions*

Collect the product in suitable container for disposal. Notify authorities if product enters sewer or public waters.

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

Cover the spillage with inert absorbent material. Place contaminated material into suitable containers and send them to the waste disposal.

*6.4 Reference to other sections*

Refer to paragraphs 8 and 13 for more information.

**7. Handling and storage**

*7.1. Precautions for safe handling*

Follow the good industrial hygiene and safety procedures. Do not smoke, eat or drink during the working processes.

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

Store the packaging closed in a fresh and ventilated area, far from sources of ignition. Store at temperature between 2-8 °C.

*7.3. Specific end use(s)*

For particular uses of the product, is necessary to refer to the specific information or contact the technical service of the Company.

**8. Exposure controls/personal protection**

*8.1. Control parameters*

none information

*8.2. Exposure controls*

Avoid all unnecessary exposure, handle in accordance with good industrial hygiene and safety procedures. Avoid dust inhalation. Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and at the end of the work shift.

*8.3 Individual protection*

The DPI's choice must be done on the basis of the test's results obtained according to the rule EN 374

Hand protection:	: protective gloves
Eye protection	: protective goggles
Skin protection	: suitable protective clothing
Respiratory protection	: mask with filter in case of vapours formation

**9. Physical and chemical properties**

---

---

Product: **UREA TEST KIT ON MILK**

---

Physical and chemical properties	Value	Determination method
Appearance	liquid	
Odour	characteristic	
Odour threshold	not available	
pH	ca 7	
Melting point/freezing point	not available	
Initial boiling point and boiling range	not available	
Flash point	not available	
Evaporation rate	not available	
Flammability (solid, gas)	not pertinent	
Upper/lower flammability or explosive limits	not pertinent	
Vapour pressure	not available	
Vapour density	not available	
Relative density	not available	
Solubility	soluble in water	
Water solubility	soluble	
Partition coefficient: n-octanol/water	not available	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
Viscosity	not available	
Explosive properties	not explosive	
Oxidising properties	not oxidising	

*9.2. Other information*

VOC (Directive 1999/13/CE): -%

**10. Stability and reactivity**

*10.1. Reactivity*

In contact with strong oxidants exothermal reaction may occur.

*10.2. Chemical stability*

The product is stable in normal conditions of use and storage.

*10.3. Possibility of hazardous reactions*

no data available

*10.4. Conditions to avoid*

no data available

*10.5. Incompatible materials*

no data available

*10.6. Hazardous decomposition products*

Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health.

**11. Toxicological information**

*11.1. Information on toxicological effects*

---

Product: **UREA TEST KIT ON MILK**

---

Acute effects:

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices.

This preparate may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

**Sodium nitroferricyanide dihydrate**

LD50 Orale (ratto) (mg/kg bw) = 99

Corrosive/irritation power:

Eyes: not irritant

Skin: not irritant

**12. Ecological information**

*12.1. Toxicity:*

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

*12.2. Persistence and degradability:* not available

*12.3. Bioaccumulative potential:* not available

*12.4. Mobility in soil:* not available

*12.5. Results of PBT and vPvB assessment:* not available

*12.6. Other adverse effects:* not available

*This product doesn't contain AOX*

**13. Disposal considerations**

Operate following the current Local or National Laws.

The non reclaimed containers have to be disposed as the product.

Consider the possibility of burning the product in a suitable incinerator.

**14. Transport information**

The product is not classified dangerous under transport regulation.

**15. Regulatory information**

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

Regulation	Cas	Substance
428/2009 ex CE 1334/2000 Ann.1	-	-
273/04 Tab.1 Cat.1	-	-
273/04 Tab.1 Cat.2	-	-
273/04 Tab.1 Cat.3	-	-

---

Product: **UREA TEST KIT ON MILK**

---

1907/2006 Ann. XIV	-	-
1907/2006 (Substances SVHC)	-	-
552/2009 (amending Reg. CE 1907/2006 as regards Ann. XVII)	-	-
276/2010 (amending Reg. CE 1907/2006 as regards Ann. XVII)	-	-
238/05 (Seveso ter) Ann.1 part 1	-	-
238/05 (Seveso ter) Ann.1 part 2	-	-

15.2. Chemical safety assessment

none

**16. Further information**

**Description of the sentences of risk set out in paragraph 3**

H301 = Toxic if swallowed.

**Description of the safety advice (R) exposed to point 3:**

R25 = Toxic if swallowed.

*Classification based on data of all components of the mixture*

**GENERAL BIBLIOGRAPHY:**

1. Directive 1999/45/EC as amended
2. Directive 67/548/EEC and its amendments and adjustments (technical adjustment XXIX)
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) 790 / 2009
6. Regulation (EU) 453/2010
7. The Merck Index. Ed 10
8. Handling Chemical Safety
9. NIOSH - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique
11. Patty - Industrial Hygiene and Toxicology
12. NI Sax - Dangerous Properties of Industrial Materials-7, 1989 Edition

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.

This sheet cancels and substitutes any previous edition.

---

Product: **UREA TEST KIT ON MILK**

---

**1. Identification of the substance/mixture and of the company/enterprise**

1.1 Product identifier: **UREA R2**

1.2 Relevant identified uses of the substance or mixture:

*Reagent for food analysis*

1.3 Details of the supplier of the safety data sheet:

**CDR S.r.l.**

**Via degli Artigiani, 6**

**50020 Ginestra F.na (FI)**

**Italy**

Tel: +39 055-871431

Fax: +39 055-8714322

1.4 Emergency phone number:

**+39 055-871431**

e-mail TC: [cdr@cdr-mediated.it](mailto:cdr@cdr-mediated.it)

**2. Hazards identification**

2.1 Classification of the substance or mixture

**Classification according to Directives 67/548/EEC – 1999/45/EC:**

C R34; R52/53

**Nature of special risks attributed:**

R34 - Causes burns.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements:

**Warning symbols:**

C - Corrosive



**Hazard sentences (R):**

R34 - Causes burns.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Caution recommendations (S):**

S8 - Keep container dry.

S17 - Keep away from combustible material.

S25 - Avoid contact with eyes.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

S41 - In case of fire and/or explosion do not breathe fumes.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S60 - This material and its container must be disposed of as hazardous waste.

---

Product: **UREA TEST KIT ON MILK**

---

S64 - If swallowed, rinse mouth with water (only if the person is conscious).

Contains:  
sodium hydroxide

**2.3 Other hazards:**

*Attention: the product has this classification due to basic pH*

**3. Composition/Information on ingredients**

Chemical composition:

Name	Concentration (C)	Classification			
		Directive 67/548/CEE		Directive 67/548/CEE	
sodium hydroxide CAS 1310-73-2 CE No 215-185-5 Index No 011-002-00-6	0 ≤ C < 2	C	R35	Met. Corr. 1 Skin Corr. 1A	H290 H314
troclosene sodium CAS No 2893-78-9 CE No 220-767-7 Index No 613-030-00-X	0 ≤ C < 0,3	E O Xn Xi R31 N	R2 R8 R22 R36/37 R50/53	Ox. Sol. 2 Acute Tox. 4 Eye Irrit. 2 STOT SE 3 EUH031 Aquatic Acute 1 Aquatic Chronic 1	H272 H302 H319 H335 H400 H410

The full text of hazard statements and risk phrases (R) is specified in section 16.

**4. First-aid measures**

4.1 Description of first aid measures

Inhalation

Remove to fresh air. Seek immediately medical advice.

Skin contact

Wash immediately with plenty of water and soap. Remove contaminated clothing, seek medical attention. Wash contaminated clothing before using them.

Eyes contact

Irrigate copiously with clean, fresh water for at least 15 minutes, keeping opened eyes. Consult eye specialist immediately.

Ingestion

Wash mouth with water. Obtain immediate medical attention. Don't induce vomiting. Never give anything by mouth to an unconscious person.

Other

Change contaminated clothing.

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



---

Product: **UREA TEST KIT ON MILK**

---

not available

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

In case of inhalation: if breathing is difficult, call a doctor immediately.

In case of skin contact: consult a doctor immediately.

In case of contact with eyes: consult eye specialist immediately.

In ingestion: consult a doctor immediately.

**5. Fire-fighting measures**

**5.1 Extinguishing media**

*Advised extinguishing agents:*

CO<sub>2</sub>, nebulized water, foam, chemical powder

*Unappropriate extinction methods:*

none

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

The product under fire condition may develop irritant/toxic gas (CO<sub>x</sub>,NO<sub>x</sub>, HCl).

**5.3. Advice for firefighters**

Wear the fire equipment all the time. Water used in fire-fighting has to be disposed following Local regulation.

**6. Accidental release measures**

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

Avoid contact with eyes and skin. Use an adequate respiratory protection if there are vapours. Supply good air circulation. Move away any unauthorised person. Eliminate or exclude any source of ignition.

**6.2. Environmental precautions**

Collect the product in suitable container for disposal. Notify authorities if product enters sewer or public waters.

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

Cover the spillage with inert absorbent material. Collect as far as possible the resulting mass mechanically. Place contaminated material into suitable containers and send them to the waste disposal. Eliminate the residue using jets of water if there are no adverse advices. Supply a good air circulation of the leakage site.

**6.4 Reference to other sections**

Refer to paragraphs 8 and 13 for more information.

**7. Handling and storage**

**7.1. Precautions for safe handling**

Follow the good industrial hygiene and safety procedures. Avoid the inhalation of vapours and the contact with skin and eyes. Near workplaces supply emergency showers and eyewash fountains. Use suitable material for the product.

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

---

Product: **UREA TEST KIT ON MILK**

---

Store the packaging closed in a fresh and ventilated area, far from sources of ignition. Store at temperature between 2-8° C.

**7.3. Specific end use(s)**

For particular uses of the product, is necessary to refer to the specific information or contact the technical service of the Company

**8. Exposure controls/personal protection**

**8.1. Control parameters**

**sodium hydroxide**

TLV: 2 mg/m<sup>3</sup> (valore Ceiling) (ACGIH 2004).

DNEL

Workers

Local effects at long term exposure – Inhalation: 1 mg/m<sup>3</sup>

General population:

Local effects at long term exposure – Inhalation: 1 mg/m<sup>3</sup>

**troclosene sodium**

PNEC

freshwater 0.00017 mg/L

marine water 1.52 mg/L

intermittent releases-water 0.0017 mg/L

STP 0.59 mg/L

sediment -freshwater 7.56 mg/kg sediment dw

soil 0.756 mg/kg soil dw

DNEL

Workers

Systemic effects at long term exposure – dermal 2.3 mg/kg bw/day

Systemic effects at long term exposure- Inhalation 8.11 mg/m<sup>3</sup>

General population

Systemic effects at long term exposure – dermal 1.15 mg/kg bw/day

Systemic effects at long term exposure – Inhalation DN(M)EL 1.99 mg/m<sup>3</sup>

Systemic effects at long term exposure – Oral 1.15 mg/kg bw/day

**8.2 Exposure controls**

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures . Do not eat, drink or smoke while handling it. Accurately wash the hands with soap and water before meals and take the shower at the end of the work shift. Keep a eyewasher fountain near the workplace and a fumes hoods.

**8.3 Individual protection**

The DPI's choice must be done on the basis of the test's results obtained according to the rule EN 374

Hand protection:	: protective gloves
Eye protection	: protective goggles
Skin protection	: suitable protective clothing
Respiratory protection	: mask with filter for basic vapours (suitable material: natural rubber, nitrile)

**9. Physical and chemical properties**

---

---

Product: **UREA TEST KIT ON MILK**

---

Physical and chemical properties	Value	Determination method
Appearance	liquid	
Odour	characteristic	
Odour threshold	not available	
pH	about 14	
Melting point/freezing point	not available	
Initial boiling point and boiling range	not available	
Flash point	not available	
Evaporation rate	not available	
Flammability (solid, gas)	not pertinent	
Upper/lower flammability or explosive limits	not pertinent	
Vapour pressure	not available	
Vapour density	not available	
Relative density	not available	
Solubility	not available	
Water solubility	not available	
Partition coefficient: n-octanol/water	not available	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
Viscosity	not available	
Explosive properties	not explosive	
Oxidising properties	not oxidising	

9.2. *Other information*

VOC (Directive 1999/13/CE): -%

<b>10. Stability and reactivity</b>
-------------------------------------

10.1. *Reactivity*

In contact with strong oxidants exothermal reaction may occur.

**sodium hydroxide:** and reacts violently with acids. To obtain aqueous solutions, always add soda water and not viceversus.

10.2. *Chemical stability*

The product is stable in normal conditions of use and storage.

10.3. *Possibility of hazardous reactions*

no data available

10.4. *Conditions to avoid*

**troclosene sodium:** Protect from moisture

10.5. *Incompatible materials*

**sodium hydroxide:** attacks aluminum, tin, lead, zinc

**troclosene sodium:** Acid, Alkali, Other chlorine agents, oils/fats and flammable materials.

10.6. *Hazardous decomposition products*

Due to thermal decomposition or in the event of a fire vapours may be produced potentially dangerous to health (CO<sub>x</sub>, NO<sub>x</sub>, HCl).

---

Product: **UREA TEST KIT ON MILK**

---

**troclosene sodium:** Chlorine, Nitrogen Trichloride, Nitrogen Oxide, Hydrogen Chloride, Carbon Monoxide

**11. Toxicological information**

*11.1. Information on toxicological effects*

Acute effects:

The product is corrosive and, if brought into contact with skin, causes burns, destroying the whole thickness of skin tissue.

sodium hydroxide:

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation of its aerosol and by ingestion.

**INHALATION RISK:** Evaporation at 20 ° C is negligible; a harmful concentration of particles can, however, be reached quickly.

**SHORT TERM EFFECTS OF EXPOSURE:** Corrosive. The substance is very corrosive to eyes, skin and respiratory tract. Corrosive on ingestion. Aerosol inhalation of the substance may cause pulmonary edema (see Notes).

**EFFECTS LONG TERM OR REPEATED EXPOSURE:** Repeated or prolonged contact with skin can cause dermatitis.

**ACUTE HAZARDS / SYMPTOMS**

**INHALATION** Corrosive. Burning sensation. Sore throat. Cough. Shortness of breath.

Symptoms may be after a short time.

**SKIN** Corrosive. Redness. Pain. Serious skin burns. Bladders. Corrosive

**EYE.** Redness. Pain. Blurred vision. Severe deep burns.

**INGESTION** Corrosive. Burning sensation. Abdominal pain. Shock or collapse.

**NOTES** The exposure limit value should not be exceeded during any part of the working exposure. The symptoms of lung often do not manifest until a few hours and are aggravated by physical effort. Therefore rest and medical observation are essential.

**troclosene sodium**

**ROUTES OF EXPOSURE:** The substance can be absorbed into the body by inhalation of dust and by ingestion.

**INHALATION RISK:** Evaporation at 20 ° C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.

**EFFECTS OF SHORT-TERM EXPOSURE:** The substance irritating to the eyes, the skin and the respiratory tract. Corrosive on ingestion.

**EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:** Repeated or prolonged contact with skin may cause dermatitis.

**ACUTE HAZARDS / SYMPTOMS**

Cough. Sore throat.

**SKIN** Redness. Skin burns. Pain.

**EYES.** Pain. Loss of vision. Severe deep burns.

**Ingestion** Burning sensation. Sore throat.

LD50 1671 mg / kg (oral, rat)

LD50> 5000 mg / kg bw (dermal, rat)

Corrosive/irritation power:

Eyes: corrosive

Skin: corrosive

**12. Ecological information**

---

---

Product: **UREA TEST KIT ON MILK**

---

**12.1. Toxicity:**

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

The product can cause long-term adverse effects in the aquatic environment, being hardly degradable and / or bioaccumulative

**sodium hydroxide:**

LC 100:180 ppm/24h (Cyprinus carpio)

LC 50:33 mg/l/48h (Ophryotrocha diadema)

a purification is ensured by ph range 6-8

**troclosene sodium**

NOEC 1000 mg/l/28 giorni (Oncorhynchus mykiss)

EC50 0,15 mg/l/48h (Daphnia magna)

**12.2. Persistence and degradability:** not available

**12.3. Bioaccumulative potential:**

**troclosene sodium:** log Pow -0.0556

**12.4. Mobility in soil:** not available

**12.5. Results of PBT and vPvB assessment:** not available

**12.6. Other adverse effects:** not available

*This product contains AOX*

**13. Disposal considerations**

Operate following the current Local or National Laws.

The non reclaimed containers have to be disposed as the product.

Consider the possibility of burning the product in a suitable incinerator.

**14. Transport information**

These goods must be packed in their original packings or in packings made of materials resistant to their content and not reacting dangerously with it. This good, being shipped under the provision for limited quantity, is packed and labelled in accordance with ADR Regulation –chapter 3.4- IMDG Code –chapter 3.4- IATA regulation – chapter 5.0.3- (i.e. 0.5 l for inner packaging max. and 1 l for outer packaging max.) and no other provision has to be respected.

**Road or railway transport:**

UN number: 1824

Classification: C5

Tunnel restriction code : (E)

Class: 8

Packing group III

**Transport by sea:**

UN number: 1824

Packaging group: III

Marine pollutant no

Class: 8

EmS: F-A, S-B

**Transport by air:**

---

Product: **UREA TEST KIT ON MILK**

---

Class: 8 Packaging group: III

Shipping name: **SODIUM HYDROXIDE SOLUTION**

Labelling

n.8



**15. Regulatory information**

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

Regulation	Cas	Substance
428/2009 ex CE 1334/2000 Ann.1	-	-
273/04 Tab.1 Cat.1	-	-
273/04 Tab.1 Cat.2	-	-
273/04 Tab.1 Cat.3	-	-
1907/2006 Ann. XIV	-	-
1907/2006 (Substances SVHC)	-	-
552/2009 (amending Reg. CE 1907/2006 as regards Ann. XVII)	-	-
276/2010 (amending Reg. CE 1907/2006 as regards Ann. XVII)	-	-
238/05 (Seveso ter) Ann.1 part 1	-	-
238/05 (Seveso ter) Ann.1 part 2	-	-

*15.2. Chemical safety assessment*  
none

**16. Further information**

**Description of the sentences of risk set out in paragraph 3**

H290 = May be corrosive to metals.  
H314 = Causes severe skin burns and eye damage.  
H272 = May intensify fire; oxidiser.  
H302 = Harmful if swallowed.  
H319 = Causes serious eye irritation.  
H335 = May cause respiratory irritation.  
H400 = Very toxic to aquatic life.  
H410 = Very toxic to aquatic life with long lasting effects.

**Description of the safety advice (R) exposed to point 3:**

R2 = Risk of explosion by shock, friction, fire or other sources of ignition.  
R8 = Contact with combustible material may cause fire.  
R22 = Harmful if swallowed.  
R31 = Contact with acids liberates toxic gas.  
R35 = Causes severe burns.  
R36/37 = Irritating to eyes and respiratory system.  
R50/53 = Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

---

Product: **UREA TEST KIT ON MILK**

---

*Classification based on data of all components of the mixture*

**GENERAL BIBLIOGRAPHY:**

1. Directive 1999/45/EC as amended
2. Directive 67/548/EEC and its amendments and adjustments (technical adjustment XXIX)
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) 790 / 2009
6. Regulation (EU) 453/2010
7. The Merck Index. Ed 10
8. Handling Chemical Safety
9. NIOSH - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique
11. Patty - Industrial Hygiene and Toxicology
12. NI Sax - Dangerous Properties of Industrial Materials-7, 1989 Edition

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations.

The producer is relieved from any liability arising from improper uses.

This sheet cancels and substitutes any previous edition.