



# SAFETY DATA SHEET

## REDOX AK FERROTOP

### SECTION 1: identification of the substance / mixture and of the company / undertaking

#### 1.1. Product identifier Product

**name** : REDOX AK FERROTOP

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

**Use of the Product** : Solvent-based paint for interiors and exteriors.

#### 1.3. Information on the supplier of the safety data sheet

Registered office  
Akzo Nobel Coatings SpA Via  
C. Goldoni, 38/40  
20090 Trezzano sul Naviglio  
(MI) Italy

Administrative headquarters  
Akzo Nobel Coatings SpA Via  
G. Pascoli, 11  
28040 Dormelletto  
Tel .: +39 0322 401611  
Fax .: +39 0322 401607  
Internet: www.sikkens.it

**E-mail address of the Responsible person of the safety data sheet** : service.clienti@akzonobel.com

#### 1.4 Emergency telephone number

**Telephone number** : +39-0322-401611 (active 24/7)

International Sikkens emergency number: +31 71 3086944 (active 24/7)

**Version** : 5

**Date of issue** : 25-9-2016  
**previous one**

### SECTION 2: Hazards identification

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

**Product definition:** Blend

**Classification according to EC Regulation No. 1272/2008 [CLP / GHS]**

Flam. Liq. 3, H226 STOT SE 3, H336

**Ingredients of unknown toxicity** : 0%

## SECTION 2: Hazards identification

**Ingredients of unknown ecotoxicity** : 0%

See section 16 for the full text of the hazard statements mentioned above. For more detailed information on health effects and symptoms, see Section 11.

### 2.2. Label elements Hazard

**pictograms**



**Warning**

: Caution

**Hazard statements**

: H226 - Flammable liquid and vapor. H336 - May cause drowsiness or dizziness.

**Precautionary advice**

**General**

: P102 - Keep out of reach of children.  
P101 - If a doctor is consulted, have the product container or label available.

**Prevention**

: P210 - Keep away from heat sources, heated surfaces, sparks, flames and other ignition sources. Smoking prohibited.  
P233 - Keep container tightly closed.  
P262 - Avoid contact with eyes, skin or clothing.

**Reaction**

: P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - If you feel unwell, call a POISON CENTER or doctor.

**storage**

P235 - Keep in a cool place.

**Disposal**

: P501 - Dispose of product and container in accordance with local, regional, national, international regulations.

**Dangerous ingredients**

: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Additional elements of the label**

: Contains butanone oxime. It can cause an allergic reaction. Repeated exposure may cause skin dryness or cracking.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain substances, preparations and articles dangerous**

: Not applicable.

**Special Packaging Obligations**

**Containers that must be equipped with a child safety lock**

: Not applicable.

**Tactile warning of danger**

: Not applicable.

### 2.3. Other dangers

**Other dangers not mentioned in the classification**

: None known.

**REDOX AK FERROTOP****SECTION 3: Composition / information on ingredients****3.2 Mixtures**

:Blend

Product name/ ingredient	Identifiers	% (p / p)	<u>Classification</u> Regulation (EC) n. 1272/2008 [CLP]	Guy
Hydrocarbons, C9-C11, nalkanes, isoalkanes, cyclics, <2% aromatics	REACH #: 01-2119463258-33 CE: 919-857-5	≥25 - ≤50	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066	[1]
butanone oxime	REACH #: 01-2119539477-28 CE: 202-496-6 CAS number: 96-29-7 Index: 616-014-00-0	<1	Acute Tox. 4, H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351	[1]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	REACH #: 01-2119457273-39 CE: 918-481-9	≤0.3	Asp. Tox. 1, H304 EUH066  <b>See section 16 for the full text of the hazard statements mentioned above.</b>	[1]

There are no additional ingredients which, in the current knowledge of the supplier and in the applicable concentrations, are classified as dangerous for health or the environment, meet the PBT or vPvB criteria or are considered as substances with an equivalent degree of problematicity or substances to which an occupational exposure limit has been assigned and should therefore be reported in this section.

Guy

[1] Substance presenting a health or environmental hazard

[2] Substance for which there are workplace exposure limits

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if known, are listed in section 8.

**SECTION 4: first aid measures****4.1. Description of first aid measures General**

- : If in doubt or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If the victim is unconscious, have him assume the safety position and call the doctor.

**Eye contact**

- : Remove contact lenses, rinse thoroughly with clean, fresh water, holding the eyelids open for at least 10 minutes and seek immediate medical attention.

**Inhalation**

- : Bring to fresh air. Keep the person warm and at rest. In case of lack of breathing, irregular breathing or respiratory arrest, give artificial respiration or have oxygen administered by trained personnel.

**Skin contact**

- : Remove contaminated clothing and shoes. Wash thoroughly with soap and water or use an effective skin cleanser. DO NOT use solvents or thinners.

**Ingestion**

- : If swallowed, seek medical advice immediately and show the container or label. Keep the person warm and at rest. DO NOT induce vomiting.

**Protection of rescuers**

- : No action shall be taken involving any personal risk or without suitable training. If fumes are still suspected, wear a mask or respirator. Performing mouth-to-mouth resuscitation can be dangerous for the person helping.

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

**REDOX AK FERROTOP****SECTION 4: first aid measures**

There are no data available on the mixture itself. The mixture was evaluated following the conventional method of the CLP regulation (EC) No. 1272/2008 and is consequently classified according to its toxicological properties. For more details, see Sections 2 and 3.

Exposure to solvent vapor concentrations above the pre-established occupational limit can be harmful to health, causing irritation of the mucous membranes and respiratory tract with adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, dizziness and wobbling, fatigue, muscle weakness, sleepiness and in extreme cases loss of consciousness.

Solvents may cause some of the aforementioned effects via skin absorption. Repeated or prolonged contact with the mixture can result in the removal of natural skin fat, resulting in non-allergic contact dermatitis and absorption through the skin.

Contact of the liquid with the eyes can cause irritation and reversible damage.

Ingestion can cause nausea, diarrhea and vomiting.

If known, the delayed and immediate effects, as well as the chronic effects of the components deriving from short and long-term exposure, by the oral and dermal route, by inhalation and by contact with the eyes, are taken into account.

Contains butanone oxime. It can cause an allergic reaction.

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

: Treat symptomatically. If large quantities are ingested or inhaled, contact a poison control center immediately.

**Specific treatments** : No specific treatment.

See Section 11 for Toxicological Information (Section 11)

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable extinguishing media** : Recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

**Unsuitable extinguishing media** : Do not use full jet water.

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

**Hazards arising from the substance or mixture** : Any fires develop thick black smoke. Exposure to decomposition products can be dangerous to health.

**Dangerous products from thermal decomposition** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, nitrogen oxides.

**5.3. Recommendations for firefighters**

**Special actions of protection for firefighters** : Cool closed containers exposed to flames with water. Do not channel the products of a fire into drains or water courses.

**Special protective equipment for personnel fire fighting** : The use of a self-contained breathing apparatus may be required.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**For those who do not intervene directly** : Remove any sources of ignition and ventilate the room. Avoid breathing vapors or mists. Consult the protective measures listed in sections 7 and 8.

**For those who intervene directly** : If specialized 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 service operators".

**REDOX AK FERROTOP****SECTION 6: Accidental release measures**

- 6.2. Environmental precautions:** Do not dispose of the product in the sewer system and water courses. In case of contamination by the product of lakes, rivers or waste water, inform the competent authorities in accordance with current legislation.
- 6.3. Methods and materials for: containment and for**  
quenching and tempering Contain and collect any spills with non-combustible absorbent material, such as sand, earth, vermiculite, diatomite and dispose of the product in a container in accordance with current legislation (see Section 13). Clean, preferably using a detergent. Avoid using solvents.
- 6.4. Reference to other sections** : For emergency telephone numbers, see Section 1.  
See Section 8 for information on appropriate personal protective equipment.  
For more information on waste treatment, refer to Section 13.

**SECTION 7: handling and storage**

The information contained in this section contains general information and warnings. Refer to the list of Identified Uses in Section 1 for specific information available provided in the exposure scenario (s).

- 7.1 Precautions for safe handling** : Prevent the development of flammable or explosive vapor concentrations in the air o that exceed the occupational exposure limits.  
Also, use the product only in rooms from which all naked flame lamps and other sources of ignition have been removed. Protect electrical equipment according to appropriate standards.  
The mixture can become electrostatically charged: always use ground connections when transferring it from one container to another.  
Operators must wear antistatic shoes and clothing, while floors must be conductive.  
Keep away from sources of heat, sparks and flames. Do not use any tools that cause sparks.  
Avoid contact with eyes and skin. Avoid inhalation of dust, particulates, aerosols or mists deriving from the application of this mixture. Avoid inhalation of dust deriving from sandblasting.  
It is forbidden to eat, drink and smoke in areas where the material is handled, stored or treated.  
Put on appropriate personal protective equipment (see Section 8).  
Never empty the product by subjecting it to pressure. The container is not pressurized.  
Always keep the material in the original container.  
Observe the provisions of the laws relating to health and safety in the workplace.
- Do not dispose of the product in the sewer system and water courses. **Information on fire and explosion protection**  
Vapors are heavier than air and can spread over floors. Vapors can form explosive mixtures with air.

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

Arrange for storage in compliance with current legislation. **Notes on shared storage**

Keep away from: oxidizing agents, strong alkalis, strong acids. **Additional information on storage conditions**

Observe the precautions on the label. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. Smoking prohibited. Access prohibited to outsiders. Open containers must be carefully resealed and kept straight to prevent accidental product spillage.

**7.3 Specific end uses**

- Warnings** : Unavailable.
- Specific guidelines for the industrial sector** : Unavailable.

**REDOX AK FERROTOP****SECTION 7: handling and storage****SECTION 8: Exposure controls / personal protection**

The information contained in this section contains general information and warnings. The information provided refers to the typical uses envisaged for the product. Additional measures may be needed for bulk processing or other uses that could significantly increase worker exposure or emissions to the environment.

**8.1 Control parameters**

**Occupational exposure limits** No exposure

limit value known.

**Monitoring Procedures:**  
**Recommended**

If this product contains ingredients with exposure limits, personal, workplace atmosphere and biological monitoring may be required to determine the effectiveness of ventilation or other control measures and / or the need to use protective equipment respiratory. Refer to the monitoring standards, such as the following: European standard EN 689 (Atmosphere in the workplace - Guidance on the assessment of exposure by inhalation to chemical compounds for the purpose of comparison with limit values and measurement strategy) Standard European EN 14042 (Atmospheres in the workplace - Guide to the application and use of procedures for assessing exposure to chemical and biological agents) European standard EN 482 (Atmospheres in

**DNEL / DMEL**

No DNEL / DMEL available.

**PNEC**

No PNECs available.

**8.2 Exposure controls Appropriate****engineering controls**

- : Provide adequate ventilation. When reasonably practicable, this can be achieved through replacement ventilation and good general aspiration. If it is impossible to keep the concentrations of solvent vapors and powders below the occupational exposure limit, wear suitable means of respiratory protection.

**Individual protection measures****Hygiene measures**

- : Before eating, smoking and using the lavatory and at the end of the working period, wash your hands, arms and face thoroughly after handling chemicals. Appropriate techniques should be used to remove potentially contaminated clothing. Wash the contaminated garments before reusing them. Make sure that the eyewash stations and emergency showers are close to the place of use.

**Eye / face protection**

- : Use protective goggles to prevent accidental penetration of liquids into the eyes.

**Skin protection****Hand protection**

There is no glove material or combination of materials that provides unlimited resistance to any single chemical or combination of chemicals.

The breakthrough time must be greater than the time of use of the product.

Follow the instructions and information provided by the glove manufacturer regarding use, storage, maintenance and replacement.

Gloves must be replaced regularly and whenever there are signs of damage to the material they are made of.

Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove can be reduced by physical / chemical damage and poor maintenance. Sunscreen creams can protect exposed areas of the skin, but do not apply them after exposure.

**Protective device: of the**  
**body**

Personnel must wear antistatic clothing made of natural fiber or synthetic fiber resistant to high temperatures.

## REDOX AK FERROTOP

**SECTION 8: Exposure controls / personal protection**

**Other devices of skin protection** : Choose appropriate footwear and any additional skin protection measures based on the activity being carried out and the inherent risks. Such choices must be approved by a specialist before handling this product.

**Respiratory protection** : If workers are exposed to concentrations above the exposure limit, use appropriate, certified respirators.

Treatments such as sanding, sandblasting or flame removal, etc., of the paint layers, can generate dangerous dust and / or fumes. Wet sanding should be used wherever possible. Respiratory protection in case of dust or spray mist formation. (particulate filter EN143 type P2) Respiratory protection in case of vapor formation. (half mask with A2-P2 combined filter up to concentrations of 0.5% by volume.)

**Checks of the exhibition environmental** : Do not dispose of the product in the sewer system and water courses.

**SECTION 9: physical and chemical properties****9.1. Information on basic physical and chemical properties\_****Appearance**

Physical state	: Liquid.
Color	: Unavailable.
Odor	: Unavailable.
Odor threshold	: Unavailable.
pH	: Unavailable.
Melting point / freezing point	: Unavailable.
Initial boiling point and boiling range	: 149 ° C
Flash point	: Closed cup: 40 ° C
Evaporation rate	: Unavailable.
Upper / lower flammability or explosive limits	: Unavailable.
Vapor pressure	: Unavailable.
Vapor density	: Unavailable.
Relative density	: 0.08
Solubility (ies) Solubility in water	: Insoluble in the following materials: cold water. : Unavailable.
Partition coefficient: octanol / water	: Unavailable.
Temperature of self-ignition	: Unavailable.
Temperature of decomposition	: Unavailable.
Viscosity	: Kinematic (room temperature): 9.26 cm <sup>2</sup> / s Not
Explosive properties	: available.
Oxidizing properties	: Unavailable.

**9.2. Other information** No additional information.

**REDOX AK FERROTOP****SECTION 10: stability and reactivity**

- 10.1. Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2. Chemical stability** : The product is stable under the recommended handling and storage conditions (see section 7).
- 10.3. Possibility of reactions:** Under normal conditions of storage and use, hazardous reactions will not occur. **dangerous**
- 10.4. Conditions to avoid:** If exposed to high temperatures it can produce dangerous decomposition products.
- 10.5. Incompatible materials:** To avoid strong exothermic reactions, keep away from the following materials: oxidizing agents, strong alkalis, strong acids.
- 10.6. Products of dangerous decomposition** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: toxicological information****11.1. Information on toxicological effects**

There are no data available on the mixture itself. The mixture was evaluated following the conventional method of the CLP regulation (EC) No. 1272/2008 and is consequently classified according to its toxicological properties. For more details, see Sections 2 and 3.

Exposure to solvent vapor concentrations above the pre-established occupational limit can be harmful to health, causing irritation of the mucous membranes and respiratory tract with adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, dizziness and wobbling, fatigue, muscle weakness, sleepiness and in extreme cases loss of consciousness.

Solvents may cause some of the aforementioned effects via skin absorption. Repeated or prolonged contact with the mixture can result in the removal of natural skin fat, resulting in non-allergic contact dermatitis and absorption through the skin.

Contact of the liquid with the eyes can cause irritation and reversible damage.

Ingestion can cause nausea, diarrhea and vomiting.

If known, the delayed and immediate effects, as well as the chronic effects of the components deriving from short and long-term exposure, by the oral and dermal route, by inhalation and by contact with the eyes, are taken into account.

Contains butanone oxime. It can cause an allergic reaction. **Acute toxicity**

**Conclusion / Summary** : Unavailable.

**Acute toxicity estimates**

Unavailable.

**Irritation / Corrosion**

Product name/ ingredient	Result	Species	Score	Exposure	Observation
butanone oxime	Eyes - Strongly irritating	Rabbit	-	-	-

**Conclusion / Summary** : Unavailable.

**Awareness raising**

**Conclusion / Summary** : Unavailable.

**Mutagenicity**

**Conclusion / Summary** : Unavailable.

**Carcinogenicity**

**Conclusion / Summary** : Unavailable.

**Reproductive toxicity**

**REDOX AK FERROTOP****SECTION 11: toxicological information****Conclusion / Summary** : Unavailable.**Teratogenicity****Conclusion / Summary** : Unavailable.**Specific target organ toxicity (STOT) - single exposure**

Name of the product / ingredient	Category	Via of exposure	Target organs
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	Category 3	Not applicable.	Narcosis

**Specific target organ toxicity (STOT) - repeated exposure** Unavailable.**Aspiration hazard**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

DANGER IN CASE OF ASPIRATION - Category 1

DANGER IN CASE OF ASPIRATION - Category 1

**Other information** : Unavailable.**SECTION 12: ecological information****12.1. Toxicity**

There are no data available on the mixture itself.

Do not dispose of the product in the sewer system and water courses.

The mixture was evaluated using the summation method of CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

**Conclusion / Summary** : Unavailable.**12.2. Persistence and degradability****Conclusion / Summary** : Unavailable.**12.3. Bioaccumulation potential****12.4. Mobility in soil****Soil / water partition coefficient (K<sub>oc</sub>)** : Unavailable.**Mobility** : Unavailable.**12.5. Results of PBT and vPvB PBT**

**assessment** : Not applicable.

P: Not available. B: Not available. T: Not available. Not

**vPvB** : applicable.

vP: Not available. vB: Not available. No known

**12.6. Other adverse effects** : significant effects or critical hazards.**SECTION 13: Disposal considerations**

The information contained in this section contains general information and warnings. Refer to the list of Identified Uses in Section 1 for specific information available provided in the exposure scenario (s).


**13.1 Waste treatment methods****Product**

**REDOX AK FERROTOP****SECTION 13: Disposal considerations**

- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products must always be carried out in accordance with the legal indications on environmental protection and waste disposal and the requirements of each relevant local authority. Dispose of surplus and non-recyclable products through an authorized waste disposal company. Untreated waste should not be disposed of in the sewer system unless it fully complies with the requirements of each entity and legislation.
- Hazardous waste** : The classification of the product could meet the criteria for hazardous waste.
- Considerations on the disposal** : Do not dispose of the product in the sewer system and water courses. Dispose of in accordance with applicable regional, state and local laws. If this product is mixed with other wastes, the original refused code can no longer be applied and an appropriate code will need to be assigned. For more information, contact the responsible waste disposal agency.
- Packing**
- Methods of disposal** : The generation of waste should be avoided or minimized wherever possible. Waste packaging must be recycled. Incineration or landfilling should only be considered when recycling is not practicable.
- Considerations on the disposal** : Using the information provided in this safety data sheet, contact the appropriate waste disposal authority for guidance on the classification of empty containers. Empty containers must be discarded or reprocessed. Dispose of containers contaminated by the product in accordance with local or national regulatory requirements.
- Special precautions** : Do not dispose of the product and the container except with due precautions. Care should be taken when handling emptied containers that have not been cleaned or rinsed. Empty containers or liners can retain product residues. The vapors emitted by product residues can develop an easily flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been thoroughly cleaned inside. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.


**SECTION 14: Transport information**

**The information pertaining to IATA and ADN is considered irrelevant as the material is not packaged in the correct approved packaging required by these modes of transport.**

	<b>ADR</b>	<b>IMDG</b>
<b>14.1 UN number</b>	A1263	A1263
<b>14.2 Name of shipment of the UN</b>	PAINTS	 PAINTS
<b>14.3 Classes of connected danger to transport Class</b>	3	3
<b>Secondary class</b>	-	-
<b>14.4 Group of packaging</b>	III	III

**REDOX AK FERROTOP**

**The information pertaining to IATA and ADN is considered irrelevant as the material is not packaged in the correct approved packaging required by these modes of transport.**

<b>14.5 Dangers for the environment</b> <b>Marine pollutant</b>  <b>Substances marine pollutants</b>	No.	No.  Unavailable.
<b>14.6 Precautions special for users</b>	<b>Transport within the user's property:</b> always carry out transport with closed containers, stored vertically and secured to the means of transport. Verify the suitability of the persons carrying out the transport to intervene effectively in the event of an accident and / or spill.	
<b>Number of identification of danger or number Kemler</b>  <b>Schemes of emergency ("EmS")</b>	30	FE, SE
<b>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</b> :Not applicable.		
<b>Information additional</b>	<u><b>Special rules</b></u> 640 (E)  <u><b>Exemption for viscous substances</b></u> In packs of less than 450 liters, in compliance with the terms referred to in code 2.2.3.1.5, this product is not subject to provisions of ADR.  <u><b>Code restrictions on tunnel transport</b></u> (D / E)	 <u><b>Exemption for viscous substances</b></u> In packs of sizes up to and including 30 liters, in compliance with the terms of code 2.3.2.5, this product is not subject to the requirements packaging, labeling and marking referred to in the IMDG Code; however, all documentation and posting of the labels will still be required cargo transport.

## SECTION 15: Regulatory information

### 15.1 Health, safety and environmental legislation and regulations specific to the substance or mixture

#### EU Regulation (EC) No. 1907/2006 (REACH)

##### Annex XIV - List of substances subject to authorization

##### Annex XIV

None of the components are listed.

**Substances of Extremely Concern** None of the components are listed.

**Annex XVII - Restrictions:**Not applicable. **in the field of manufacturing, placing on the market and use of certain substances, preparations and articles dangerous**


**REDOX AK FERROTOP****SECTION 15: Regulatory information**Other EU regulations**VOC** : Unavailable.**European inventory** : At least one component is not listed.

Product name/ ingredient	Carcinogenic effects	Mutagenic Effects	Effects on the development	Effects on fertility
butanone oxime	Carc. 2, H351	-	-	-

Substances harmful to the ozone layer (1005/2009 / EU)

Not in the list.

Prior Inform Consent (PIC - Prior Inform Consent) (649/2012 / UE) Not in the list.Seveso Directive


 This product can cause an increase in the calculation for determining whether a site is within the limits of the Seveso Major Accident Hazards Directive.

National standards

**Legislative Decree 152/06** :0.042% Table B Class III  
0.042% Table B Class III - Total emissions  
0.042% Total emissions

International RegulationsChemical Weapons Convention List - Tables I, II and III Chemical Compounds

Not in the list.

Montreal Protocol (Annexes A, B, C, E) Not in the list.Stockholm Convention on Persistent Organic Pollutants Not in the list.Rotterdam Convention on Prior Informed Consent (PIC) Not in the list.UNECE Protocol to the Aarhus Convention on Persistent Organic Pollutants and Heavy Metals Not in the list.**Turkey** :  At least one component is not listed.**15.2 Evaluation of chemical safety** : Not applicable.**SECTION 16: other information****CEPE code** :1 Indicates information that has changed from previously issued.

**Abbreviations and acronyms** : ATE = Estimation of Acute Toxicity  
CLP = Classification, Labeling and Packaging [Regulation (EC) No. 1272/2008] DMEL = Derived level with minimal effects  
DNEL = Derived No Effect Level  
EUH indication = CLP specific risk provisions PBT = Persistent, Bioaccumulative, Toxic  
PNEC = Predicted No Effect Concentration RRN = REACH Registration Number  
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP / GHS]

**REDOX AK FERROTOP****SECTION 16: other information**

Classification	Justification
Flam. Liq. 3, H226 STOT SE 3, H336	Based on the experimental data of the tests Calculation method

**Full text of abbreviated hazard statements**

H226 H304	Flammable liquid and vapor. It can be fatal if swallowed and if it enters the respiratory tract.
H312 H317 H318 H336 H351	Harmful in contact with skin. May cause an allergic skin reaction. Causes serious eye damage. It can cause drowsiness or dizziness. Suspected of causing cancer.

**Full text of classifications [CLP / GHS]**

Acute Tox. 4, H312 Asp. Tox. 1, H304 Carc. 2, H351 EUH066	ACUTE TOXICITY (skin) - Category 4 ASPIRATION HAZARD - Category 1 CARCINOGENICITY - Category 2  Repeated exposure may cause skin dryness or cracking.
Eye Dam. 1, H318 Flam. Liq. 3, H226 Skin Sens. 1, H317 STOT SE 3, H336	SERIOUS EYE DAMAGE / EYE IRRITATION - Category 1 FLAMMABLE LIQUIDS - Category 3 SKIN SENSITIZATION - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcosis) - Category 3

**Full text of abbreviated R phrases**

R10- Flammable.  
R40- Limited evidence of a carcinogenic effect. R21- Harmful in contact with skin.  
R65- Harmful: may cause lung damage if swallowed. R41- Risk of serious damage to eyes.  
R43- May cause sensitization by skin contact.  
R66- Repeated exposure may cause skin dryness and cracking. R67- Inhalation of vapors may cause drowsiness and dizziness.

**Full text of classifications [DSD / DPD]**

Canc. Cat. 3 - Carcinogen category 3 Xn -  
Harmful  
Xi - Irritating

**Print date** : 8-4-2017  
**Date of issue / Date of revision** : 6-4-2017  
**Date of issue previous one** : 25-9-2016  
**Version** : 5

**Notice to the reader**

**IMPORTANT NOTE:** The information contained in this sheet is not to be considered exhaustive and is based on our current technical knowledge and on the laws in force: anyone who uses the product for purposes other than those specifically suggested in the technical sheet, without having previously obtained our written authorization, does so at their own risk. It is always the user's responsibility to take all necessary measures to comply with the requirements of local laws. Always read the safety data sheet and the technical data sheet of this product, if available. All suggestions or statements made by us regarding the product (whether in this sheet or otherwise) are correct to the best of our knowledge, however, the quality or condition of the media or the many external factors affecting the use and application of the product are beyond our control. Consequently, in the absence of a specific written agreement, we accept no responsibility for the performance of the product or for any loss or damage resulting from its use. All products and technical advice provided comply with our standard terms and conditions of sale. We recommend that you ask for a copy of this document and read it carefully. The information contained in this sheet is subject to periodic changes, in the light of the experiences acquired and our policy of continuous development. It is the user's responsibility. Consequently, in the absence of a specific written agreement, we accept no responsibility for the performance of the product or for any loss or damage resulting from its use. All products and technical advice provided comply with our standard terms and conditions of sale. We recommend that you ask for a copy of this document and read it carefully. The information contained in this sheet is subject to periodic changes, in the light of the experiences acquired and our policy of continuous development. It is the user's responsibility. Consequently, in the absence of a specific written agreement, we accept no responsibility for the performance of the product or for any loss or damage resulting from its use. All products and technical advice provided comply with our standard terms and conditions of sale. We recommend that you ask for a copy of this document and read it carefully. The information contained in this sheet is subject to periodic changes, in the light of the experiences acquired and our policy of continuous development. It is the user's responsibility. All products and technical advice provided comply with our standard terms and conditions of sale. We recommend that you ask for a copy of this document and read it carefully. The information contained in this sheet is subject to periodic changes, in the light of the experiences acquired and our policy of continuous development. It is the user's responsibility. All products and technical advice provided comply with our standard terms and conditions of sale. We recommend that you ask for a copy of this document and read it carefully. The information contained in this sheet is subject to periodic changes, in the light of the experiences acquired and our policy of continuous development. It is the user's responsibility.

**REDOX AK FERROTOP****SECTION 16: other information**

*check that this sheet is up to date before using the product.  
This data sheet mentions trademarks owned or licensed to AkzoNobel.*