



CCCR Reports

POR-15 Rust remover

Identification

Product identifier: POR-15 Rust remover
Product code: 240701, 240704
Supplier Name: P.O.R. Products
 38, Portman Road
 New Rochelle, New-York
 10801 USA
Telephone: 914 636-0700
Emergency tel. number: 914 636-0700
Available hours: 8h-17h
Recommended use: Metallic surface rust remover
Restriction on use: No specific restriction

Classification - Physical Data

s. 2, 34(4), 42(2), 49(1)	Physical state (e.g., gas, vapour, dust/mist or fume, liquid, solid, paste or gel)	Liquid
s. 35(3), (4)	Appearance (e.g., product separates upon standing for 30 days at 20°C)	No
	Specific gravity	1,100 kg/l at 20 °C
s. 34(5)	Viscosity (Kinematic at 40°C [mm ² /s or centistokes (cSt)])	< 20,5 mm ² /s

Calculation of toxicity

1. LD₅₀ oral (mg/kg)

No	CAS No	CAS Name	%	mg/kg	mg/kg
1	7732-18-5	Water	86.99	> 10000	10000
2	2809-21-4	Hydroxyethanediphosphonic acid. Etidronic acid	7.78	500	500
3	1310-58-3	Potassium hydroxide. Caustic potash	4.67	500	500
ATEmix oral: 2976.28 mg/kg					

2. LD₅₀ skin (mg/kg)

No	CAS No	CAS Name	%	mg/kg	mg/kg
1	7732-18-5	Water	86.99	> 10000	10000
2	2809-21-4	Hydroxyethanediphosphonic acid. Etidronic acid	7.78	> 5000	5000
3	1310-58-3	Potassium hydroxide. Caustic potash	4.67	> 5000	5000
ATEmix dermal: > 2 000 mg/kg					



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3. LC₅₀ inhalation ml/m³ 4h gases

No	CAS No	CAS Name	%	mg/l	ml/m ³
1	7732-18-5	Water	86.99	N/A	--
2	2809-21-4	Hydroxyethanediphosphonic acid. Etidronic acid	7.78	N/A	--
3	1310-58-3	Potassium hydroxide. Caustic potash	4.67	N/A	--
ATEmix inhalation - gases: > 5 000 ml/m ³					

4. LC₅₀ inhalation ml/m³ 4h vapours

No	CAS No	CAS Name	%	mg/l	ml/m ³
1	7732-18-5	Water	86.99	> 50.00	50000
2	2809-21-4	Hydroxyethanediphosphonic acid. Etidronic acid	7.78	N/A	10000
3	1310-58-3	Potassium hydroxide. Caustic potash	4.67	N/A	10000
ATEmix inhalation - vapours: > 10 000 ml/m ³					

5. LC₅₀ inhalation mg/l 4h dusts-mist

No	CAS No	CAS Name	%	mg/l	mg/l
1	7732-18-5	Water	86.99	> 25.00	25.00
2	2809-21-4	Hydroxyethanediphosphonic acid. Etidronic acid	7.78	> 5.00	5.00
3	1310-58-3	Potassium hydroxide. Caustic potash	4.67	> 5.00	5.00
ATEmix inhalation - dusts/mists: > 5.00 mg/l					



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Skin corrosion calculation

Table 1 - Substance of special concern

CAS No	Name	State	% Formula
<i>No value</i>			

Table 2 - pH and acid or alkali reserve

State	pH	Acid reserve	Alkali reserve
Liquid	6-8		

Table 3 - Skin Corrosion - Category 1 > or = 1%

CAS No	Name	Class	Category	% CCCR	% Formula
1310-58-3	Potassium hydroxide. Caustic potash	Skin corrosion	Category 1	5 %	4.67
					4.67

Table 4 - Skin irritant - Category 2 > or = 1%

CAS No	Name	Class	Category	% CCCR	% Formula
<i>No value</i>					

Result summary

No	Category	Rule	Status	Values or % formula	Classification
a)	Substance of special concern		No		
b)	pH and acid or alkali reserve		No		
c)	Skin corrosion - Category 1	1 % <= x < 5 %	No	4.67 %	Irritant
d)	Skin irritant - Category 2		No		



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Eye corrosion calculation

Table 1 - Substance of special concern

CAS No	Name	State	% Formula
<i>No value</i>			

Table 2 - pH and acid or alkali reserve

State	pH	Acid reserve	Alkali reserve
Liquid	6-8		

Table 3 - Serious eye damage - Category 1 > ou = 1%

CAS No	Name	Class	Category	% CCCR	% Formula
2809-21-4	Hydroxyethanediphosphonic acid. Etidronic acid	Serious eye damage	Category 1	3 %	7.78
1310-58-3	Potassium hydroxide. Caustic potash	Serious eye damage	Category 1	3 %	4.67
					12.45

Table 4 - Eye irritant - Category 2 > ou = 1%

CAS No	Name	Class	Category	% CCCR	% Formula
<i>No value</i>					

Result summary

No	Category	Rule	Status	Values or % formula	Classification
a)	Substance of special concern		No		
b)	pH and acid or alkali reserve		No		
c)	Serious eye damage - Category 1	>= 5 %	No	12.45 %	Corrosive
d)	Eye irritant - Category 2		No		



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Flammable Products

Spontaneous Combustion Hazard		
s. 49(1) items 1-2	Product spontaneously combusts under reasonably foreseeable conditions of use	No
Liquid or Solid Products		
s. 50, 51	Flash point (and closed-cup test method used)	Not applicable
Gas Products		
s. 49(1) items 5-6	Flammable concentration	N/A
Spray Containers		
s. 52	Flame projection	N/A
s. 52	Flashback	No
Classification		
s. 49	Classification (which sub-categories apply)	Non-flammable
Combustible Product Exemption		
s. 48(2)(a)	Proportion of water and water-miscible solvent	N/A
s. 48(2)(b)	Ability to sustain combustion (for mixtures of more than 50% water / less than 50% water- miscible solvent)	N/A

Quick Skin Bonding Adhesives

Classification		
s. 56 Definition	Adhesive contains alkyl cyanoacrylate or similar substance capable of bonding skin with skin instantly or nearly instantly	No

Pressurized Containers

s. 58(1)(a)	Presence of substances with absolute vapour pressure greater than 275 kPa at 37.8°C when in a liquid state	N/A
s. 58(1)(b)	Absolute pressure within the container at 21.1°C or 54.4°C	N/A
s. 59	Product is classified as a pressurized container	No

Packaging Requirements

General Packaging Requirements		
Sch. 3	Leak test performed and results (for each size of container)	N/A

Sources of data: Rep. tox/ECHA/SAX'S/