

RUMIL

strongly alkaline washing agent

Application:

Rumil is designed for mechanical and automatic washing of strongly soiled glass packages in food industry, especially in fruit, vegetable, spirit, brewing and dairying industry. In engineering and metal industry for washing greasy steel objects, pressed and casting items. The agent can be applied for removing old paint covers by boiling. Not to apply for washing aluminum and non-ferrous metals, painted surfaces and windows panes.

Characteristic:

Powder of white-cream in color, not frothing, well soluble in water, odorless.
pH reaction: (1% solution) approx. 12,5
Certificate State Hygienic Institute No. HŻ/12767/97

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–3,0 % (0,5–3,0 kg per 100 l of water) in relation to the kind and degree of soiling, in temp. 60–100°C. The reaction of the washing solution must be kept at above pH = 11 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

By the anodic washing of steel it is recommended to apply the solution in concentration of 3,5–7,0 % in temp. 80–100°C, electric current density 5–10 A/m². Ultrasonic washing stand may be applied.

Liquid waste from washing:

Chemical components of the agent: sodium silicates, sodium phosphates.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 070/IPO/2003.

UN Number: UN 3262 (corrosive solid, basic, inorganic, N.O.S.)

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RUDMET

alkaline washing agent

Application:

Rudmet is designed for washing of glass packages, containers, floors, walls, metal objects, part of machines.

Not to apply for washing aluminum and non-ferrous metals, painted surfaces and windows panes and material sensitive to alkalies.

Characteristic:

Powder of white-cream in color, not frothing, well soluble in water, odorless.

pH reaction: (1% solution) approx. 12,5

Certificate State Hygienic Institute No. HŻ/12767/97

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,8–3,0 % (0,8–3,0 kg per 100 l of water) in temp.60–80°C. The reaction of the washing solution must be kept at above pH = 11 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Ultrasonic washing stand may be applied.

Liquid waste from washing:

Chemical components of the agent: sodium silicates, sodium phosphates.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 069/IPO/2003.

UN Number: UN 3253 (disodium trioxosilicate)

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RUDWEL

alkaline washing agent

Application:

Rudwel is designed for washing of soiled glass packages, metal objects, part of machines, containers, floors and walls made of materials resistant to alkalies.

The agent can be applied for washing various objects made of aluminum and non-ferrous metals. It is recommended to soak the objects before main washing in the multi-section washing stand.

Characteristic:

Powder, well soluble in water, not frothing, odorless.

pH reaction: (1% solution) approx. 11

Certificate State Hygienic Institute No. HŻ/12767/97

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–3,0 % (0,5–3,0 kg per 100 l of water) in temp.50–80°C.

For washing by hand (by brush) is recommended to apply the agent in concentration of 0,5–1,5 % (0,5–1,5 kg per 100 l of water) in temp.40–50°C. The reaction of the washing solution must be kept at above pH = 11 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Liquid waste from washing:

Chemical components of the agent: silicates, sodium carbonates.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is not regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 069/IPO/2003.

UN Number: UN 3253 (disodium trioxosilicate)

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NATROGENT

alkaline silicate-free washing agent

Application:

Natrogen is designed for washing of glass packages and lightly soiled metal objects, part of machines including items made of aluminum and other non-ferrous metals in food and engineering industry and waste water disposal.

Characteristic:

Powder, well soluble in water, strongly frothing, odorless.

pH reaction: (1% solution) approx. 11

Certificate State Hygienic Institute No. HŻ/12767/97

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–3,0 % (0,5–3,0 kg per 100 l of water) in temp.50–80°C.

For washing by hand (by brush) is recommended to apply the agent in concentration of 0,5–1,5 % (0,5–1,5 kg per 100 l of water) in temp.40–50°C. The reaction of the washing solution must be kept at above pH = 11 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Liquid waste from washing:

Chemical components of the agent: carbonates, sodium phosphates, detergents.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 071/IPO/2003.

UN Number: UN 1823 (sodium hydroxide solid)

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SILIGENT

alkaline washing agent

Application:

Siligent is designed for washing of glass packages and lightly soiled metal objects, part of machines including items made of aluminum and other non-ferrous metals in food and engineering industry and waste water disposal.

Characteristic:

Powder, well soluble in water, strongly frothing, odorless.

pH reaction: (1% solution) approx. 11

Certificate State Hygienic Institute No. HŻ/12767/97

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–3,0 % (0,5–3,0 kg per 100 l of water) in temp.50–80°C.

For washing objects made of non-ferrous metals it is recommended to apply the agent in concentration of 0,5–1,5 %.

For washing by hand (by brush) is recommended to apply the agent in concentration of 0,5–1,5 % (0,5–1,5 kg per 100 l of water) in temp.40–50°C.

The reaction of the washing solution must be kept at above pH = 11 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Liquid waste from washing:

Chemical components of the agent: carbonates, phosphates, sodium silicates, detergents.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 070/IPO/2003.

UN Number: UN 3262 (corrosive solid, basic,inorganic, N.O.S.)

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IMPUREX M-45 S

alkaline washing agent

Application:

Impurex M-45 S is designed for removing conservation and abrasive oils, wax paste, as well as for washing details made of aluminum, zinc, cast iron, steel contaminated with mineral oils, greases, cooling agents with metal filings.

Characteristic:

Powder, well soluble in water, odorless, lightly frothing
pH reaction: (1% solution) approx. 12
Certificate State Hygienic Institute No. HK/B/1113/04/98

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–3,0 % (0,5–3,0 kg per 100 l of water) in temp.60–80°C.

For washing objects made of non-ferrous metals it is recommended to apply the agent in concentration of 0,5–1,5 %.

The reaction of the washing solution must be kept at above pH = 11 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Liquid waste from washing:

Chemical components of the agent: silicates, carbonates, sodium phosphates, detergents.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 069/IPO/2003.

UN Number: UN 3253 (disodium trioxosilicate)

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IMPUREX M-50 S

alkaline washing agent

Application:

Impurex M-50 S is designed for washing of details made of cast iron and steel. Removes greases, protective paste, liquid coolants as well as vegetable and animal fats.

Characteristic:

Powder, well soluble in water, not frothing, odorless.

pH reaction: (1% solution) approx. 12,5

Certificate State Hygienic Institute No. HK/B/1113/06/98

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–3,0 % (0,5–3,0 kg per 100 l of water) in temp.60–80°C.

The reaction of the washing solution must be kept at above pH = 12 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Liquid waste from washing:

Chemical components of the agent: silicates, carbonates, sodium phosphates.

Regulatory information:

High alkaline product. Caustic effect both: sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 070/IPO/2003.

UN Number: UN 3262 (corrosive solid, basic,inorganic, N.O.S.)

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IMPUREX B-63

alkaline washing agent

Application:

Impurex B-63 is designed for washing details made of non-ferrous metals and steel between operations before applying a paint coating. Removes machine oils, greases, filings. Temporarily prevents from corroding of metal details.

Characteristic:

Powder, well soluble in water, odorless, frothing.

pH reaction: (1% solution) approx. 10

Certificate State Hygienic Institute No. HK/B/1113/02/98

Usage:

For mechanical washing it is recommended to apply the agent in concentration of 0,5–6,0 % (0,5–6,0 kg per 100 l of water) in temp.60–80°C.

The reaction of the washing solution must be kept at above pH = 9 by means of adding the agent as its exhausting. Decision regarding change of the cleaning bath to be taken on the ground of organoleptic evaluation.

After cleaning the items have to be rinsed in warm and then in cold water.

Liquid waste from washing:

Chemical components of the agent: borates, phosphates, sodium carbonates, detergents.

Regulatory information:

Alcaline product. Irritation effect both sprayed and solution.

Use protective gloves and goggles.

Irritated eyes flush with plenty of water at least 15 min.

Non-combustible.

Packaging:

40 kg paper bags with PE liner.

Storage:

In dry, cool rooms, not more than 5 layers of bags.

Transportation:

Covered means of railway and road transportation. This product is not regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 072/IPO/2003.

UN Number: None

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