



NORSAN UK
12 GATWICK DISTRIBUTION CENTRE
CRAWLEY
WEST SUSSEX
RH10 9RW

TEL: 0845 340 3230
FAX: 0845 034 3239
EMAIL: sales@norsan.co.uk
WEB: www.norsan.co.uk



MATERIAL SAFETY DATA SHEET PRODUCT INFORMATION

NORMATIC DISHWASH POWDER

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

NORSAN NORMATIC DISHWASH

Professional Streak Free Dishwash
Powder For All Water Conditions

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

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1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

General Description:

A high performance, low foaming, chlorine detergent powder for use in commercial dish and glass washers to effectively remove stubborn soiling and food deposits from cutlery, crockery, glassware, stainless steel pots, pans, trays and any other cooking utensils.

Directions For Use:

Recommended dosage is dependant on the load and water volume of the dishwasher. As a guide use 1 heaped scoop in soft water conditions and 2 heaped scoops for hard water areas per 10LT. Items that are not suitable are some lead crystal, decorative glassware, antiques, hand painted porcelain or articles with a pattern over a glaze, items with bone handles, wood or plastic and coloured or alkalisied aluminium ware.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP
(EC) NO 1272/2008 [EU-GHS/CLP]

Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335
Aquatic Chronic 2 - H411

2.2 LABEL ELEMENTS

PICTOGRAM CODE

GHS07

GHS05

GHS09

PICTOGRAM



SIGNAL WORD

DANGER

HAZARD STATEMENTS

H314 - Causes severe skin burns and eye damage.

H335 - May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

PREVENTION

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

STORAGE

P102 - Keep out of reach of children.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

RESPONSE

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P315 Get immediate medical advice/ attention.

DISPOSAL

P501 - Dispose of contents/container to licensed waste disposal site.

EUH031 Contact with acids liberates toxic gas.

CONTAINS: DISODIUM METASILICATE, TROCLOSENE SODIUM, DIHYDRATE

2.3 OTHER HAZARDS

EUROPEAN UNION
(DANGEROUS SUBSTANCES DIRECTIVE)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

SUBSTANCE	CAS. NO	EINECS No.	HAZARD	RANGE
Sodium Carbonate	497-19-8	207-838-8	H319	30-60%
Disodium Metasilicate	6834-92-0	229-912-9	H314, H318, H335	5-10%
Trisodium (Ortho) Phosphate	10101-89-0		H315, H319, H335	5-10%
Pentasodium Triphosphate	7758-29-4	231-838-7	H315, H319, H335	5-10%
Troclosene Sodium, Dihydrate	51580-86-0	220-767-7	H302, H319, H335, H400, H410	1-3%
Sodium Silicate			H315, H318	1-3%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE

Remove contaminated clothing and wash off skin/eyes immediately.

AFTER INHALATION

Move the exposed person(s) to fresh supply of air. Get medical attention if discomfort continues.

AFTER CONTACT WITH SKIN

Wash from skin immediately. If skin becomes sore or inflamed seek medical attention.

AFTER CONTACT WITH EYES

Irrigate with water for 10 to 15 minutes until irritation subsides and seek medical attention.

AFTER INGESTION

If conscious, give plenty of water to drink, do not induce vomiting, obtain medical attention immediately.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The severity of symptoms described will vary depending on concentration and length of exposure.

INHALATION

Irritation of nose, throat and airway.

CONTACT WITH SKIN

Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.

CONTACT WITH EYES

Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage.

INGESTION

May cause chemical burns in mouth and throat.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically. Use water to neutralize product in the case of skin, eye contact or ingestion.

SECTION 5: FIREFIGHTING MEASURES

5.1 SUITABLE EXTINGUISHING MEDIA

This product is not flammable. Use fire extinguishing media appropriate for surrounding area.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

5.3 ADVICE FOR FIRE FIGHTERS

Wear self-contained breathing apparatus and protective clothing as appropriate to the associated fire.

SECTION 5: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Always use appropriate PPE. Avoid breathing dust/vapours (if any) and ensure adequate ventilation. Cordon off area to other personnel.

6.2 ENVIRONMENTAL PRECAUTION

Do not allow to enter surface water drains, soil/subsoil. Spillages or discharges into water course must be reported immediately to environment agency.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

6.4 REFERENCE TO OTHER SECTIONS

See Section 8 and 13 for more information on exposure and disposal.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store only in original containers out of reach of children. Storage temperature should be between 5°C and 30°C.

7.3 SPECIFIC END USE(S)

See section 1.2 and label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

(Sodium Carbonate) Long-term exposure limit (8-hour TWA): WEL 5 mg/m³ (WEL = Workplace Exposure Limit)

8.2 EXPOSURE CONTROLS

Do not eat, drink or smoke whilst working and wash hands after use.

PICTOGRAM(S)



WEAR SUITABLE
HAND PROTECTION



WEAR SUITABLE EYE
PROTECTION



AVOID BREATHING
IN VAPOURS

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOUR

Granular white powder with chlorine odour.

pH LEVEL

>10.5 - 11.5

FLAMMABLE/FLASH POINT

Not flammable.

SOLUBILITY

Soluble/dispersible in water.

VISCOSITY

9.2 OTHER INFORMATION

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Reacts violently with strong acids. The product will harden into a solid mass in contact with water and moisture.

10.2 CHEMICAL STABILITY

No decomposition if stored and applied as directed.

10.3 POSSIBILITY OF HAZARDOUS REACTION

Exothermic reaction with strong acids. Gives off hydrogen by reaction with base metals (zinc, aluminium). Risk of explosion.

10.4 CONDITIONS TO AVOID

Avoid exposure to high temperature or direct sunlight.

10.5 INCOMPATIBLE MATERIALS

Strong acids. Aluminium, Tin, Zinc and their alloys.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Toxic chlorine gas can be released if heated.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

INHALATION

Irritation of nose, throat and airway.

CONTACT WITH SKIN

Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.

CONTACT WITH EYES

Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage.

INGESTION

May cause chemical burns in mouth and throat.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic life with long lasting effects.

12.1 TOXICITY

No aquatic testing has been carried out for this product.

12.2. PERSISTENCE AND DEGRADABILITY

12.3. BIOACCUMULATIVE POTENTIAL

The product does not contain any substances expected to be bioaccumulating.

12.4. MOBILITY IN SOIL

Not known.

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

This product does not contain any substances classified as PBT or vPvB.

12.6. OTHER ADVERSE EFFECTS

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14: TRANSPORT INFORMATION

14.1. UN NUMBER

3262

14.2. UN PROPER SHIPPING NAME

NORSAN NORMATIC DISHWASH POWDER

14.3. TRANSPORT HAZARD CLASS(ES)

CORROSIVE SOLID, BASIC, INORGANIC, N.O.S

14.4. PACKING GROUP

II



14.5. ENVIRONMENTAL HAZARDS

14.6. SPECIAL PRECAUTIONS FOR USER

14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

STATUTORY INSTRUMENTS

Classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

GUIDANCE NOTES

ECHA Guidance on the application of CLP criteria (Version 4: November 2013). ECHA Guidance on the compilation of safety data sheets (Version 2.1: February 2014)

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out as product is a mixture.

SECTION 16: OTHER INFORMATION

16.1. REVISION COMMENTS

This product is now using classification from GHS/CLP- Regulation (EC) No 1272/2008 classification and labelling & packaging of. The risk statements listed below relate to the raw materials in the product not the product itself.

HAZARD STATEMENT IN FULL (CLP)

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
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.
H411 Toxic to aquatic life with long lasting effects.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. The user assumes all liability for any damage or injury resulting from abnormal use, from the failure to adhere to recommended practises, or from hazards inherent in the nature of the product. In accordance with our policy of incorporating technical improvements, we reserve the right to amend any specification without notice.