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MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

DEEPCLEAN

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

1.1 PRODUCT IDENTIFIER

NORSAN DEEPCLEAN
Concentrated Phosphoric Acid Surface
Cleaner / Descaler

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

NORSAN UK
12 GATWICK DISTRIBUTION CENTRE
CRAWLEY
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1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE/MIXTURE AND USES ADVISED AGAINST

General Description:

An exceptionally versatile cleaning product with a fresh citrus fragrance. Cleans and descales all types of washable hard surfaces, toilet bowls and urinals. Effective at removing tough, ingrained soiling and limescale.

Directions For Use:

For toilet bowls and urinal troughs apply neat and use a dedicated brush to agitate stains, flush if necessary. Do not use on enamel or plastic surfaces. For general cleaning dilute 1:50 (100ML per 5LT water) and apply sparingly to desired surface. Use a higher concentration where stains are stubborn. For toilet bowls and urinals apply neat and use a toilet brush to agitate stains, flush if necessary. For use with floor machines, dilute 1:25 and allow time for product to penetrate the surface before scrubbing.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

PHYSICAL AND CHEMICAL HAZARDS
HUMAN HEALTH
ENVIRONMENT

CLASSIFICATION UNDER CHIP
(67/548/EEC OR 1999/45/EEC)

Not classified.
Skin. Irrit. 2, Eye. Irrit. 2
Not classified.
xi;R36/38

2.2 LABEL ELEMENTS

PICTOGRAM CODE

GHS07

PICTOGRAM



SIGNAL WORD

WARNING

HAZARD STATEMENTS

H315 - Causes skin irritation.

PRECAUTIONARY STATEMENTS

H319 - Causes serious eye irritation.

PREVENTION

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

STORAGE

P102 - Keep out of reach of children.

RESPONSE

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313: If skin irritation occurs: Get medical advice/attention.

P337+313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse

DISPOSAL

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

2.3 OTHER HAZARDS

EUROPEAN UNION
(DANGEROUS SUBSTANCES DIRECTIVE)

EUH none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

SUBSTANCE	CAS. NO	EINECS No.	HAZARD	RANGE
Phosphoric Acid	7664-38-2	231-633-2	H314, H319	5-15%
Limonene	5989-27-5	227-813-5	H410	<1%

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL ADVICE

Remove contaminated clothing and wash before reuse.

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

CONTACT WITH SKIN

Skin irritation.

CONTACT WITH EYES

Eye irritation.

INGESTION

May cause discomfort if swallowed.

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

May produce oxides of carbon, nitrogen, sodium and sulphur.

5.3 ADVICE FOR FIRE FIGHTERS

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

SECTION 6: 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

Absorb with sand or binder and dispose of according to local regulations. Small spillages may be flushed to a foul drain.

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

(Orthophosphoric Acid) OES: TWA 8 hours - STEL 15 mins 2mg / m³.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOUR	Viscous citrus fragranced blue liquid (Method: QP22).
pH LEVEL	2 (Method: QP03).
FLAMMABLE/FLASH POINT	Not flammable.
SOLUBILITY	Soluble/dispersible in water.
VISCOSITY	50 - 70s Ford 4 @ 20°C (Method: QP04).

9.2 OTHER INFORMATION

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Converts at temperature. >150°C to pyrophosphoric acid. >300°C to metaphosphoric acid. Phosphorous pentoxide fumes may also be released.

10.2 CHEMICAL STABILITY

No decomposition if stored and applied as directed.

10.3 POSSIBILITY OF HAZARDOUS REACTION

Exothermic reaction with strong alkalis.

10.4 CONDITIONS TO AVOID

Avoid exposure to high temperature or direct sunlight.

10.5 INCOMPATIBLE MATERIALS

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of phosphorus.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

INHALATION

CONTACT WITH SKIN

Skin irritation.

CONTACT WITH EYES

Eye irritation.

INGESTION

May cause discomfort if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

12.1 TOXICITY

No aquatic testing has been carried out for this product.

12.2. PERSISTENCE AND DEGRADABILITY

Product regarded as biodegradable.

12.3. BIOACCUMULATIVE POTENTIAL

12.4. MOBILITY IN SOIL

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

12.6. OTHER ADVERSE EFFECTS

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

This product is not classified as hazardous waste under the special waste (amendment) regulations (SI 1996/2019). For disposal contact a licensed waste management company. Rinse out container at least twice in water and recycle if facilities exist or dispose of as commercial waste. European waste catalogue: 20 01 29.

SECTION 14: TRANSPORT INFORMATION

14.1. UN NUMBER

IRRI

14.2. UN PROPER SHIPPING NAME

14.3. TRANSPORT HAZARD CLASS(ES)

IRRITANT

14.4. PACKING GROUP

14.5. ENVIRONMENTAL HAZARDS

IRRITANT

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.

RISK PHRASES IN FULL (CHIP)

R36/38 - Irritating to eyes and skin.

HAZARD STATEMENT IN FULL (CLP)

H314 - Causes severe skin burns and eye damage.

H319 - Causes serious eye irritation.

H410 - Very 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.