

Safety Data Sheet

PX3 PLUS HAND CLEANER

Version 2.0

Revision Date 08/15/2014

Print Date 08/19/2014

SECTION 1. IDENTIFICATION

Commercial Product Name : PX3 PLUS HAND CLEANER
Product number : 0893901001
SDS-Identcode : 10045847
Product Use Description : Cleaning agent, Cosmetics, personal care products
Company : Würth USA Inc.
93 Grant St.
07446 Ramsey, NJ
USA
Telephone : +1 201 825 27 10
Telefax : +1 201 825 16 43
Responsible/issuing person : prodsafe@wuerth.com
Emergency telephone number : +1 800 255 3924

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Serious eye damage : Category 1

Skin sensitisation : Category 1

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.Precautionary statements : **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272 Contaminated work clothing should not be allowed out of the workplace.

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P280 Wear eye protection/ face protection.

P280 Wear protective gloves.

Response:

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

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
Glycerol	56-81-5	>= 1 - < 5
Propane-1,2-diol	57-55-6	>= 1 - < 5
Undecan-1-ol, ethoxylated	34398-01-1	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

- General advice : Symptoms of poisoning may appear several hours later. Call a doctor immediately if allergic signs, particularly in the respiratory tract, are observed. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
- Inhalation : If breathed in, move person into fresh air.
- Skin contact : No data available
- Eye contact : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce

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vomiting. If a person vomits when lying on his back, place him in the recovery position.

Notes to physician

Treatment : Treat symptomatically and supportively.

SECTION 5. FIREFIGHTING MEASURES

- Form : gel
Flash point : > 93.4 °C (> 200.1 °F)
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed under fire conditions (see section 10).
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.
Avoid contact with eyes.
Ensure adequate ventilation, especially in confined areas.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
Avoid release to the environment. Refer to special instructions/ Safety data sheets.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : For personal protection see section 8.
Use with local exhaust ventilation.
Handle with care.
Avoid contact with eyes.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : Not applicable

Storage

- Requirements for storage areas and containers : Store in a place accessible by authorized persons only.
Store in original container.
Protect from frost, heat and sunlight.
- Advice on common storage : Keep away from food, drink and animal feedingstuffs.
Never allow product to get in contact with water during

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storage.

Other data : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Components	CAS-No.	List	Type:	Value	Update
Glycerol	56-81-5	OSHA Z-1	TWA	5 mg/m ³	2011-07-01
		OSHA Z-1	TWA	15 mg/m ³	2011-07-01
Propane-1,2-diol	57-55-6	US WEEL	TWA	10 mg/m ³	2008-01-01

Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.

Eye protection : Tightly fitting safety goggles

Skin and body protection : Wear suitable protective clothing.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid contact with eyes.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Follow the skin protection plan.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Form : gel
Physical state : liquid

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Colour	: grey
Odour	: odourized
Odour Threshold	: No data available
Flash point	: > 93.4 °C (> 200.1 °F)
Ignition temperature	: No data available
Thermal decomposition	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flammability	: No data available
Molecular weight	: No data available
pH	: 5 - 6
Freezing point	: 0 °C (32 °F)
Boiling point/boiling range	: 100 °C(212 °F)
Vapour pressure	: No data available
Relative vapour density	: No data available
Evaporation rate	: No data available
Density	: No data available
Relative density	: No data available
Bulk density	: No data available
Water solubility	: completely soluble
Partition coefficient: n-octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Volatile organic compounds (VOC) content	: 0 %

SECTION 10. STABILITY AND REACTIVITY

Materials to avoid	: Water
Hazardous decomposition products	: Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.
Hazardous reactions	: Note: No decomposition if stored and applied as

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directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenicity	:	No data is available on the product itself.
Reproductive toxicity	:	No data is available on the product itself.
Teratogenicity	:	No data is available on the product itself.
Further information	:	Persons allergic to isocyanates, and particularly those suffering from asthma or other respiratory conditions, should not work with isocyanates.

Component:

Propane-1,2-diol

57-55-6

Acute oral toxicity: LD50 Rat
Dose: 22,000 mg/kgAcute dermal toxicity: LD50 Rabbit
Dose: > 2,000 mg/kgSkin irritation: Rabbit
Result: No skin irritation
Method: OECD Test Guideline 404Eye irritation: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Undecan-1-ol, ethoxylated

34398-01-1

Acute oral toxicity: LD50
Dose: > 300 - 2,000 mg/kgEye irritation: Result: Risk of serious damage to eyes.**Carcinogenicity:****ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or

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IARC

anticipated carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

SECTION 12. ECOLOGICAL INFORMATIONVolatile organic
compounds (VOC)
content : 0 %Additional ecological
information : The product should not be allowed to enter drains, water
courses or the soil.**Component:**

Propane-1,2-diol

57-55-6

Toxicity to fish:

LC50

Species: *Oncorhynchus mykiss* (rainbow trout)

Dose: 40,613 mg/l

Exposure time: 96 h

Acute and prolonged toxicity for aquatic invertebrates:

LC50

Species: *Ceriodaphnia dubia* (water flea)

Dose: 18,340 mg/l

Exposure time: 48 h

Toxicity to algae:

EC50

Species: *Pseudokirchneriella subcapitata* (green algae)

Dose: 24,200 mg/l

Exposure time: 72 h

Toxicity to bacteria:

NOEC

Species: *Pseudomonas putida*

Dose: > 20,000 mg/l

Exposure time: 18 h

SECTION 13. DISPOSAL CONSIDERATIONSAdequate disposal : In accordance with local and national regulations.
Do not dispose of waste into sewer.

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This material and its container must be disposed of as hazardous waste.
Do not dispose of together with household waste.

SECTION 14. TRANSPORT INFORMATION**DOT 49 CFR**

Not dangerous goods

TDGR

Not dangerous goods

ICAO/IATA-DGR

Not dangerous goods

IMDG-Code

Not dangerous goods

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : Acute Health Hazard**CERCLA Reportable Quantity** : This material does not contain any components with a CERCLA RQ.**EPCRA_313**

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

EPCRA_302

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

PENN RTK

US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

Components	CAS-No.
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water	7732-18-5
dimethyl glutarate	1119-40-0
polyurethanepowder	
dimethyl adipate	627-93-0
Propane-1,2-diol	57-55-6
Glycerol	56-81-5
Undecan-1-ol, ethoxylated	34398-01-1

MASS RTK

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
Glycerol	56-81-5

NJ RTK

US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
water	7732-18-5
dimethyl glutarate	1119-40-0
polyurethanepowder	
dimethyl adipate	627-93-0
Propane-1,2-diol	57-55-6
Glycerol	56-81-5
Undecan-1-ol, ethoxylated	34398-01-1

California Prop. 65

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

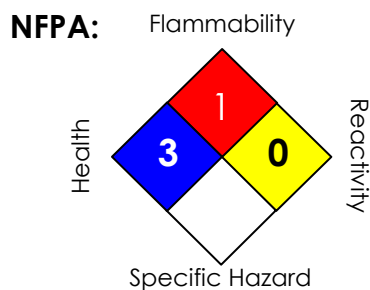
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SECTION 16. OTHER INFORMATION**Further information****HMIS III:**

HEALTH	3
FLAMMABILITY	1
PHYSICAL	0

0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Prepared by : SAP Business Compliance Services GmbH
Birlenbacher Str. 19
D-57078 Siegen
Germany
Telephone: +49-(0)271-88072-0

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