

Material Safety Data-Sheet

(ANSI Z400.1-2004)

Preparation Date: April 2, 2012

Version: 1.0 (US)

IP-Cleaning Wipes

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: IP-Cleaning Wipes

APPLICATION: Cleaning agent

MANUFACTURER/SUPPLIER:

orochemie GmbH + Co. KG

Max-Planck-Strasse 27

70806 Kornwestheim, Germany

Phone: 011 +49 7154 1308-0

Fax: 011 +49 7154 1308-40

Email: info@orochemie.de

DISTRIBUTOR:

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Höpfigheimer Str. 22

74321 Bietigheim-Bissingen, Germany

Phone: 011 +49 7142 99381-0

Fax: 011 +49 7142 99381-299

Email: info@duerr-ndt.de

Emergency telephone: 011 +49 6132 84463 (24 h/7d)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS: (Also see section 11)

WARNING!

FLAMMABLE.

CAUSES SEVERE EYE IRRITATION.

CAUSES SKIN AND RESPIRATORY TRACT IRRITATION

ROUTES OF ENTRY: Skin and eye contact and ingestion.

CARCINOGENICITY: NTP: No, IARC: No, OSHA: No

Appearance/Odor: Colorless liquid, isopropanol odor.

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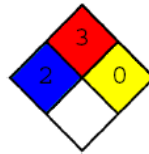
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This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1000)

HMIS: **Health: 2** **Flammability: 3** **Reactivity: 0**

NFPA: **Health: 2**
Flammability: 3
Reactivity: 0



3. COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS#	% By Wt.
2-propanol	67-63-0	60 - 100

4. FIRST AID MEASURES:

SKIN: Wash affected areas with plenty of water. If irritation persists, seek medical attention.

EYES: Hold eyes open and flush with plenty of water (10-15 min.). Get medical attention if irritation occurs.

INGESTION: Do not induce vomiting. Obtain immediate medical attention. Never give anything by mouth to an unconscious person.

INHALATION: Remove individual to fresh air. Contact a doctor in case of breathing difficulties.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use conventional extinguishing media suitable for controlling the fire: carbon dioxide, dry powder, water spray. Avoid using strong water jet.

HAZARDOUS COMBUSTION PRODUCTS: none known

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FIRE FIGHTING: Use self-contained breathing apparatus and full protective clothing.

Vapors are heavier than air and may travel along the ground and may be ignited by sparks or other ignition sources.

6. ACCIDENTAL RELEASE MEASURES:

SPILL AND LEAK PROCEDURES: Wear protective clothing, gloves and eye/face protection. Keep away from ignitions sources. Contain the spill with absorbent material (sand, earth, etc.). Remove as much as possible into suitable containers. Wash the remainder with plenty of water.

Do not allow product to enter sewers, surface waters, ground water or neighboring areas.

7. HANDLING AND STORAGE

HANDLING: Open and handle containers with care. Avoid prolonged contact with skin, eyes or clothing. Keep away from ignition sources.

STORAGE: Keep tightly sealed in original container. Store away from heat, flame and other sources of ignition. Store in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure limits
2-propanol	67-63-0	200 ppm TWA, 400 ppm STEL ACGIH

ENGINEERING CONTROLS: Local ventilation is recommended.

RESPIRATORY PROTECTION: Respiratory protection is not required under normal conditions of use. Use NIOSH approved respirator in the absence of adequate ventilation or excessive workplace exposure to vapors or fumes.

SKIN PROTECTION: Wear protective clothing and butyl or nitrile rubber gloves suitable to avoid prolonged skin contact.

EYE PROTECTION: Tightly fitting safety glasses are recommended.

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General Hygiene: Do not smoke while handling the product. Keep away from ignition sources. Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	liquid
COLOR:.....	Clear
ODOR:.....	Isopropanol/alcohol
pH:.....	Not determined
FLASH POINT:.....	57° F (13.8 °C)*
BOILING POINT:.....	176° F (80°C)
LOWER EXPLOSION LIMIT:.....	2% (Vol)*
UPPER EXPLOSION LIMIT:.....	12% (Vol)*
SOLUBILITY IN WATER:.....	soluble (20 °C)
DENSITY:.....	1.0 g/cm ³ (20 °C)
VAPOR PRESSURE:.....	32.26 Torr (20 °C)*

* The information for vapor pressure, flashpoint and explosion limits are based on isopropanol.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: The product is stable under normal conditions of use and storage.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

INCOMPATIBILITIES: Avoid contact with ignition sources.

CONDITIONS TO AVOID: None known.

11. TOXICOLOGICAL INFORMATION

Toxicological tests:

Isopropanol (CAS 67-63-0):

Acute oral toxicity: LD50 >2000 mg/kg (rat) OECD 401

Skin irritation: Irritant (rabbit) OECD 404

Eye irritation: Irritant – risk of serious damage to eyes (expected)

Sensitization: non-sensitizing OECD 406

According to currently available data, this product is not known to cause any adverse health effects when handled properly.

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12. ECOLOGICAL INFORMATION

Biological degradation/elimination: Readily biodegradable (based on isopropanol)

Fish toxicity: LC50 >1000 mg/l (96h, zebra fish) (based on isopropanol)

Do not allow to enter soil, waterways or waste water.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, Provincial or Local regulations.

Recommended disposal is by incineration in approved facilities.

14. TRANSPORT INFORMATION

DOT Classification: Isopropanol, solution. UN 1219, Class 3, II

IMDG Classification: Isopropanol, solution. UN 1219, Class 3, II

IATA Classification: Isopropanol, solution. UN 1219, Class 3, II

15. REGULATORY INFORMATION

All components of this product are on the TSCA Inventory.

SARA Title III:

This product does not contain any toxic chemical subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

Note: Entries under this section cover only those regulations typically addressed in the MSDS generating process, such as, TSCA, and EPCRA/SARA Title III.

16. OTHER INFORMATION

HAZCOM LABEL:

WARNING!

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This MSDS was prepared to conform to the American National Standard, ANSI Z400.1-2004

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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