SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: X8 FINISHING WIPE & CLEANSER

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: X8 FINISHING WIPE & CLEANSER

1.2 Relevant identified uses of the substance of mixture and uses advised against

Product uses: Not applicable

1.3 Details of the supplier of the safety data sheet

Company Information: **IKON.IQ GmbH**

Company address: Cockerillstr. 100, 52222 Stolberg,
Germany

1.4 Emergency telephone number

Emergency phone: +49 151 540 89691

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger:

Flammable Liquids, Category 2
Skin Irritation, Category 2
Eye Irritation, Category 2
Acute Toxicity (Inhalation), Category 4
Specific Target Organ Toxicity – Single Exposure, Category 3
Hazardous to the Aquatic Environment – Chronic, Category 1

2.2 Label elements

Signal word: Danger

Hazard statements:

H225 – Highly flammable liquid and vapor.
H315 – Causes skin irritation.
H319 – Causes serious eye irritation.
H332 – Harmful if inhaled.
H336 – May cause drowsiness or dizziness.
H410 – Very toxic to aquatic life with long lasting effects.

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Precautionarystatements:

Prevention:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 – Avoid breathing vapor.
P264 – Wash thoroughly after handling.
P273 – Avoid release to the environment.
P280 – Wear protective gloves / eye protection / face protection..

Response:

P302 + P352 – IF ON SKIN: Wash with plenty of water.
P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 – Call a POISON CENTER / doctor if you feel unwell.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P337 + P313 – If eye irritation persists: Get medical advice/attention.
P321 – Specific treatment (see supplemental first aid instructions).
P362 + P364 – Take off contaminated clothing and wash it before reuse.
P391 – Collect spillage.

Disposal:

P501: Dispose of contents/container in accordance with local/regional/national/ international regulations.

Pictograms:

2.2 Other hazards

Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumula- tive and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3. Composition / information on ingredients

3.1 Mixtures

Name	CAS	%	Classification for(CLP) 1272/2008
Propan-2-ol	67-63-0	≥50 – ≤75	Flam. Liq. 2 (H225); Eye Irrit. 2 (H319); STOT SE 3 (H336)
Acetone	67-64-1	≥25 – ≤45	Flam. Liq. 2 (H225); Acute Tox. 4 (H332); Eye Irrit. 2 (H319); STOT SE 3 (H336); Aquatic Chronic 1 (H410); EUH066
Ethyl acetate	141-78-6	≥10 – ≤25	Flam. Liq. 2 (H225); Eye Irrit. 2 (H319); STOT SE 3 (H336)

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Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Eye exposure: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin exposure: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact : Irritating to skin.
Eye contact : Irritating to eyes.
Ingestion : No known significant effects or critical hazards.

4.3 Indication of any immediate medical attention and special treatment needed

In contact with Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Water, Foam, CO2, Dry Chemical.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

5.3 Advice for fire fighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

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Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

6.2 Environmental precautions:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

6.3 Methods and material for containment and cleaning up:

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the
same hazard as the spilt product

Section 7. Handling and storage

7.1 Precautions for safe handling:

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2 Conditions for safe storage, including any incompatibilities:

Shield UV light sources. Do not store above the following temperature: 38°C (100.4°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN

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689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Ventilation & Engineering Controls:

Use with adequate ventilation (e.g., local exhaust ventilation, fans). Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye wash station)..

8.2 Exposure Controls

Eye Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Respiratory Protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hygiene Protection

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Clear. Colourless.
Specific Physical Form	Liquid. [Mobile liquid.]
Odour:	Pungent, fruity
pH	Not available.
Melting point / freezing point:	Not available
Initial boiling point / range:	77°C
Flash point:	Closed cup: 20°C
Evaporation rate:	4.5 (butyl acetate = 1)
Vapour Density:	3 [Air = 1]
Relative density	0.80

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Section 10. Stability and reactivity

10.1 Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerise exothermically. Unintentional contact with them should be avoided.

10.4 Conditions to avoid:

Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

10.5 Incompatible materials:

Reactive or incompatible with the following materials: oxidizing materials.

10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:

Acute Toxicity Oral	LD50 Oral Rat 5000 mg/kg
Acute Toxicity Dermal	Eurocleanser LD50 Dermal Rabbit 12800 mg/kg – propan-2-ol LD50 Dermal Rabbit 12800 mg/kg
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	No known significant effects or critical hazards.
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity	Based on available data the classification criteria are not met.

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STOT-single exposure: May cause drowsiness or dizziness.

STOT-repeated exposure: Based on available data the classification criteria are not met.

Aspiration hazard: Based on available data the classification criteria are not met

Section 12. Ecological information

12.1 Toxicity: Eurocleanser Acute LC50 100 mg/l Fish 96 hours

propan-2-ol

Acute LC50 1400000 µg/l Marine water Crustaceans – Crangon crangon 48hr
Acute LC50 1400000 µg/l Fish - Gambusia affinis 96 hours

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: propan-2-ol 0.05 - low

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available.

Section 13. Disposal considerations

13.1 Local disposal regulations:
The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction

13.3 Hazardous waste code:
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13.5 Contaminated packaging:
The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

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Section 14. Transport information

ADR/RID

14.1 UN number: UN1993

14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (propan-2-ol)

14.3 Transport hazard class(es): 3

14.4 Packing Group: II

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

IMDG

14.1 UN number: UN1993

14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (propan-2-ol)

14.3 Transport hazard class(es): 3

14.4 Packing Group: II

14.4 Environmental hazards: Not environmentally hazardous for transport

14.5Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

IATA

14.1 UN number: UN1993

14.2 UN Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (propan-2-ol)

14.3 Transport hazard class(es): 3

14.4 Packing Group: II

14.4 Environmental hazards: Not environmentally hazardous for transport

14.5 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

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Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation

Substances of very high concern Annex XIV.

None of the components are listed.

TSCA Inventory Status

All components of this product are listed in the TSCA Inventory or are exempt.

Danger criteria

P5c: Flammable liquids 2 and 3 not falling under P5a or P5b

C7b: Highly flammable (R11)

15.2 Chemical Safety Assessment: The supplier has not performed a chemical safety assessment of this substance.

Section 16. Other information

Abbreviations and acronyms

ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement =
CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

Full text of classifications [CLP/GHS]

Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 2, H225 FLAMMABLE LIQUIDS - Category 2
STOT SE 3, H336 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Narcotic effects] - Category 3

Notice to reader

The information provided in this Safety Data Sheet is correct to the best of our knowledge and have been obtained from resources believed to be reliable. We make no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. The information related 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.