

SAFETY DATA SHEET



Issuing Date 09-Sep-2019

Revision date 09-Sep-2019

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Clean & Protect 30

Other means of identification

Product Code(s) PLQM46048

Recommended use of the chemical and restrictions on use

Recommended use Restricted to professional users.

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

QuestMark, Division of CentiMark Corporation
12 Grandview Circle
Canonsburg, Pa 15317

Emergency telephone number

Company Phone Number 800-746-8890

24 Hour Emergency Phone Number 800-535-5053

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Label elements

Emergency Overview

Warning

Hazard statements

Causes skin irritation
Causes serious eye irritation



Appearance clear

Physical state Liquid

Odor Fresh

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)**Other information****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Weight-%	Trade Secret
Water	7732-18-5	60 - 100	*
Silicic Acid, lithium salt	12627-14-4	5 - 10	*
1-Decanamine, N,N-dimethyl-, N-oxide	2605-79-0	3 - 7	*
1-Octanamine, N,N-dimethyl-, N-oxide	2605-78-9	3 - 7	*
2-Ethyl Hexanol EO PO Nonionic Surfactant	64366-70-7	1 - 5	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of first aid measures**

General advice	If symptoms persist, call a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms Irritating to eyes and skin.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

The product causes irritation of eyes, skin and mucous membranes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Slippery when spilled.

Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up Dam up. Clean contaminated surface thoroughly. Use personal protective equipment as required. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children.

Incompatible materials Strong acids. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Fresh
Appearance	clear	Odor threshold	No information available
Color	blue		
Property	Values	Remarks • Method	
pH	11		
Melting point / freezing point °F	-1 °C / 30 °F		
Boiling point / boiling range	No information available		
Flash point	> 100 °C / > 212 °F	ASTM D 3278	
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific gravity	1.042		
Water solubility	completely soluble		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Kinematic viscosity	No information available		
Dynamic viscosity	No information available		

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Conditions to avoid
None known based on information supplied.

Incompatible materials
Strong acids. Strong oxidizing agents.

Hazardous decomposition products
Carbon monoxide. Hazardous combustion products.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Causes serious eye irritation Causes skin irritation
Inhalation	Avoid breathing vapors or mists. May be harmful if inhaled.

Eye contact Causes serious eye irritation.
Skin Contact Irritating to skin.
Ingestion Do not taste or swallow. Harmful if swallowed.

Component Information

Chemical name	LD50/Oral	LD50/Dermal	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)		

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Causes serious eye irritation. Causes skin irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity
 The following values are calculated based on chapter 3.1 of the GHS document .
 ATEmix (oral) 26667 mg/kg
 ATEmix (dermal) 21844 mg/kg mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and degradability
 No information available.

Bioaccumulation
 No information available.

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not Regulated for all modes of transportation.

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

16. OTHER INFORMATION

NFPA	Health hazards 2	Flammability 1	Instability 0	Physical and chemical properties - Personal protection X
HMIS	Health hazards 2	Flammability 1	Physical hazards 0	

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Revision Note

Disclaimer

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.

End of Safety Data Sheet

California Cleaning Product Right to Know Act of 2017 Maintenance Product Ingredient Disclosure QuestMark Clean & Protect 30

Ingredient	CAS #	Function
Water	7732-18-5	Solvent
Silicic Acid, lithium salt	12627-14-4	Densifier
1-Decanamine, N,N-dimethyl-, N-oxide	2605-79-0	Surfactant
1-Octanamine, N,N-dimethyl-, N-oxide	2605-78-9	Surfactant
2-Ethyl Hexanol EO PO Nonionic Surfactant	64366-70-7	Surfactant
Alcohols, C9-11, ethoxylated	68439-46-3	Surfactant
Xanthan gum	11138-66-2	Thickener
1-Octanamine, N,N-dimethyl-	7378-99-6	Incidental
Acid Blue Dye Blend	6408-80-6	Colorant

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