

SAFETY DATA SHEET



QUBICAAMF

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: **FORMULA 388**
PRODUCT CODE: 294006021 294006023
RECOMMENDED USE: Bowling Lane Cleaner
NAME OF THE MANUFACTURER: Quibica AMF Worldwide
8100 AMF Drive
Mechanicsville, Virginia 23111 USA
+1-804-569-1000
QuibicaAMF bv
HongKongstraat 63
3047 BR Rotterdam, The Netherlands
tel +31-102985000
fax +31-102985001

EMERGENCY PHONE: INFOTRAC: 1-800-535-5053
OUTSIDE U.S.: 1-352-323-3500

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	EINECS Number	EEC Classification and Risk Phrases
Sodium polyacrylate 9003-04-7	< 1	-	R36; S26; S36
Alcohol ethoxylate 68439-46-3	5 - 10	-	R22; R41; S26; S37; S39

For the full text of the R phrases mentioned in this Section, see Section 15

3. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS

- Irritating to eyes

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

4. FIRST AID MEASURES

INGESTION: Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN: None.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Product is mostly water and will not burn.
SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.
FIRE FIGHTING PROCEDURES: None.

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6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Mop up all possible. Flush with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

NA

ENVIRONMENTAL PRECAUTIONS:

NA

METHODS FOR CLEANING UP:

NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in a cool, dry area.

OTHER PRECAUTIONS:

Keep out of reach of children.

SPECIFIC USE(S):

NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES



PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS:

None known.

RESPIRATORY PROTECTION:

None normally required. NIOSH approved respirator if spray mist in air causes irritation.

PROTECTIVE GLOVES:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles. Safety Glasses.

OTHER PERSONAL PROTECTION EQUIPMENT:

None required.

VENTILATION:

None required. General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

Clear green liquid. Mild odor.

BOILING POINT (F):

212° F(C) 100° C

VAPOR PRESSURE:

As water

VAPOR DENSITY (AIR=1):

As water

SOLUBILITY IN WATER:

NA

SPECIFIC GRAVITY:

1.001 - 1.011

VOC Content (%):

0

VOV Content (%):

NE

EVAPORATION RATE:

As water

PH:

10.0 - 11.0

FLASH POINT (F):

None(C): NONE

METHOD:

TCC

FLAMMABLE LIMITS IN AIR

- LOWER (%):

NA

- UPPER (%):

NA

10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Acrylic monomers

INCOMPATIBILITY (MATERIALS TO AVOID):

Do not mix with acidic materials. Neutralizes active ingredients.

CONDITIONS/HAZARDS TO AVOID:

None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NE
 EFFECTS OF CHRONIC EXPOSURE: NE
 OTHER TOXIC EFFECTS: NE

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Practically non-toxic. Large amounts may cause irritation, nausea, diarrhea.
 SKIN CONTACT: Prolonged contact may lead to irritation and dermatitis.
 INHALATION: Causes mild respiratory irritation.
 EYE CONTACT: May irritate eyes.
 CHRONIC EFFECTS: None known.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time
 CHEMICAL FATE INFORMATION: No data at this time.
 MOBILITY: NA
 PERSISTENCE/DEGRADABILITY: NA
 BIOACCUMULATIVE POTENTIAL: NA
 OTHER ADVERSE EFFECTS: NA

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

ROAD TRANSPORT Not Regulated
 RID TRANSPORT Not Regulated
 IMDG TRANSPORT Not Regulated
 Marine Pollutant: Not a Marine Pollutant
 ICAO/IATA TRANSPORT Not Regulated

15. REGULATORY INFORMATION

LABEL FOR SUPPLY

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15. REGULATORY INFORMATION

R -PHRASE(S)

R36 - Irritating to eyes R22 - Harmful if swallowed R41 - Risk of serious damage to eyes

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 Wear suitable protective clothing.

S37 Wear suitable gloves.

S39 Wear eye and face protection.

Text of R phrases mentioned in Section 2

R36 - Irritating to eyes

R22 - Harmful if swallowed

R41 - Risk of serious damage to eyes

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PREPARED BY: EH&S DEPARTMENT

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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