



TELECHEM CORPORATION

Safety Data Sheet 21 Guns Super Concentrate

SECTION 1: Identification

1.1 Product identifier

Product name	21 Guns Super Concentrate
Product number	MN6002D
Brand	Telechem

1.2 Other means of identification

CLEAR RED LIQUID WITH CLEAN ODOR.

1.3 Recommended use of the chemical and restrictions on use

CLEANER AND DEGREASER SUPER CONCENTRATE.

1.4 Supplier's details

Name	Telechem Corporation
Address	6477-D Peachtree Industrial Atlanta, GA 30360 US
Telephone	770-451-7117
Fax	770-451-7758
email	info@telechem.com

1.5 Emergency phone number(s)

INFOTRAC 1-800-535-5053

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Warning

Precautionary statement(s)

P302+P352
P305+P351+P338

IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Contact physician if irritation persists.
IF SWALLOWED: DRINK LARGE VOLUMES OF MILK OR OTHER LIQUID, CALL PHYSICIAN IMMEDIATELY
Keep out of reach of children.

P301

P102

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. ETHYLENE GLYCOL MONOBUTYL ETHER

Concentration 2 - 5 %

Other names / synonyms

2-BUTOXY-1-ETHANOL; 2-BUTOXYETHANOL; 3-OXA-1-HEPTANOL; BUCS; BUTOXYETHANOL; BUTYL CELLOSOLVE; BUTYL GLYCOL; BUTYL OXITOL; DOWANOL EB; EKTASOLVE EB; Ethanol, 2-butoxy-; ETHYLENE GLYCOL MONOBUTYL ETHER; ETHYLENE GLYCOL N-BUTYL; ETHYLENEGLYCOLMONOBUTYLEETHER; GAFCOL EB; GLYCOL BUTYL ETHER; GLYCOL ETHER EB; GLYCOL ETHER EB ACETATE; GLYCOL MONOBUTYL ETHER; JEFFERSOL EB; MONOBUTYL ETHER OF ETHYLENE GLYCOL; MONOBUTYL GLYCOL ETHER; N-BUTOXYETHANOL; O-BUTYL ETHYLENE GLYCOL; POLY-SOLV EB; UN 2369

EC no. 203-905-0
CAS no. 111-76-2
Index no. 603-014-00-0

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H302 Harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled

2. Sodium metasilicate pentahydrate

Concentration 1 - 2 %

Other names / synonyms

Crystamet; disodium metasilicate; Silicic acid (H₂SiO₃), sodium salt (1:2); Sodium metasilicate pentahydrate; Sodium silicate hydrate

EC no. 229-912-9
CAS no. 6834-92-0

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Index no. 014-010-00-8

- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H314 Causes severe skin burns and eye damage
H335 May cause respiratory irritation

3. MONOETHANOLAMINE

Concentration 1 - 2 %

Other names / synonyms 1-AMINO-2-HYDROXYETHANE; 2-AMINO-1-ETHANOL;
2-AMINOETHANOL; 2-AMINOETHYL ALCOHOL; 2-ETHANOLAMINE;
2-HYDROXYETHANAMINE; 2-HYDROXYETHYLAMINE; AMINOETHANOL;
BETA-AMINOETHANOL; BETA-AMINOETHYL ALCOHOL;
BETA-ETHANOLAMINE; BETA-HYDROXYETHYLAMINE; COLAMINE;
Ethanol, 2-amino-; ETHANOLAMINE; ETHANOLAMINE SOLUTION;
ETHYLOLAMINE; GLYCINOL; MEA; MONOETHANOLAMINE; OLAMINE;
THIOFACO M-50; UN 2491; USAF EK-1597

EC no. 205-483-3
CAS no. 141-43-5
Index no. 603-030-00-8

- Acute toxicity (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H302 Harmful if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H332 Harmful if inhaled

4. Methanol

Concentration 1 - 2 %

Other names / synonyms CARBINOL; COLONIAL SPIRIT; COLUMBIAN SPIRIT; meoh; METHANOL;
METHYL ALCOHOL; METHYL HYDROXIDE; METHYLALCOHOL;
METHYLOL; MONOHYDROXYMETHANE; NA 1230 (DOT); PYROXYLIC
SPIRIT; RCRA WASTE NUMBER U154; UN 1230 (DOT); WOOD
ALCOHOL; WOOD NAPHTHA; WOOD SPIRIT

EC no. 200-659-6
CAS no. 67-56-1
Index no. 603-001-00-X

- Flammable liquids (chapter 2.6), Cat. 2
- Acute toxicity (chapter 3.1), Cat. 3
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 1

H225 Highly flammable liquid and vapor
H301 Toxic if swallowed
H311 Toxic in contact with skin
H331 Toxic if inhaled
H370 Causes damage to organs

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Trade secret statement (OSHA 1910.1200(i))
EXACT CHEMICAL COMPOSITION IS A TRADE SECRET.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	CONTACT WITH EYES WILL RESULT IN IRRITATION. PROLONGED CONTACT WITH SKIN MAY RESULT IN IRRITATION.
If inhaled	MOVE TO WELL VENTILATED AREA, IF IRRITATION PERSISTS, CALL PHYSICIAN.
In case of skin contact	FLUSH WITH WATER, IF IRRITATION PERSISTS, CALL PHYSICIAN.
In case of eye contact	FLUSH WITH WATER, IF IRRITATION PERSISTS, CALL PHYSICIAN.
If swallowed	DRINK LARGE VOLUMES OF MILK OR OTHER LIQUID, CALL PHYSICIAN IMMEDIATELY.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

1) DRY CHEMICAL; 2) FOAM; 3) CO2.

5.3 Special protective actions for fire-fighters

SPECIAL FIREFIGHTING PROCEDURES: NONE.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

RESPIRATORY PROTECTION: NOT REQUIRED
VENTILATION: MECHANICAL, (GENERAL)
PROTECTIVE GLOVES : FOR PROLONGED USE
EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: WIPE UP PRODUCT, RINSE SOILED AREA WITH WATER DOWN THE DRAIN.
LARGE SPILLS: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER, THEN TREAT AS A SMALL SPILL. FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON- RECLAIMABLE SPILLS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

RESPIRATORY PROTECTION: NOT REQUIRED
VENTILATION: MECHANICAL, (GENERAL)
PROTECTIVE GLOVES: FOR PROLONGED USE
EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS

7.2 Conditions for safe storage, including any incompatibilities

ALWAYS STORE UNUSED PORTION IN ORIGINAL CONTAINER WITH CAP SECURE.

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AS WITH ALL CHEMICALS, USE WITH DUE CARE ACCORDING TO LABEL INSTRUCTIONS AND PRECAUTIONS.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. 2-Butoxyethanol (CAS: 111-76-2)

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

2. Ethanolamine (CAS: 141-43-5)

PEL (Inhalation): 3 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

3. METHYL ALCOHOL (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA: 200 ppm (ACGIH)

8.2 Appropriate engineering controls

VENTILATION: MECHANICAL, (GENERAL).

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

EYE PROTECTION USE SAFETY GLASSES WITH SIDE SHIELDS

Skin protection

PROTECTIVE GLOVES FOR PROLONGED USE

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	CLEAR RED LIQUID
Odor	CLEAN ODOR
Odor threshold	N/A
pH	12.5
Melting point/freezing point	FREEZING POINT 32 DEGREES FAHRENHEIT
Initial boiling point and boiling range	205 DEGREES FAHRENHEIT
Flash point	N/A
Evaporation rate	25
Flammability (solid, gas)	N/A
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	26.8 MM HG
Vapor density	NE
Relative density	1.06
Solubility(ies)	COMPLETE IN WATER
Partition coefficient: n-octanol/water	
Auto-ignition temperature	NE
Decomposition temperature	
Viscosity	
Explosive properties	NONE
Oxidizing properties	

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SECTION 10: Stability and reactivity

10.2 Chemical stability
STABLE

10.3 Possibility of hazardous reactions
NONE

10.5 Incompatible materials
STRONG ACID

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
THIS PRODUCT IS NOT ANTICIPATED TO HAVE A TLV.

Skin corrosion/irritation
PROLONGED CONTACT WITH SKIN MAY RESULT IN IRRITATION.

Serious eye damage/irritation
CONTACT WITH EYES WILL RESULT IN IRRITATION.

Respiratory or skin sensitization
PROLONGED INHALATION MAY CAUSE IRRITATION

Reproductive toxicity
This product does not contain any chemicals present at levels known to State of California to cause cancer, birth defects, or any other reproductive harm.

Summary of evaluation of the CMR properties
OSHA, NTP, IARC: No component of this product present at levels identified as a carcinogen or potential carcinogen.

SECTION 12: Ecological information

Toxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

SECTION 13: Disposal considerations

Disposal of the product
SMALL SPILLS: WIPE UP PRODUCT, RINSE SOILED AREA WITH WATER DOWN THE DRAIN. LARGE SPILLS: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER, THEN TREAT AS A SMALL SPILL. FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON- RECLAIMABLE SPILLS.

SECTION 14: Transport information

DOT (US)

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Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 313 Components

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

CAS#	Chemical Name	% By Weight
111-76-2	Glycol Ethers	<5
67-56-1	Methanol	<2

SECTION 16: Other information

NFPA: HEALTH- 2
FIRE - 0
REACTIVITY - 0

HMIS: HEALTH- 2
FLAMMABILITY- 0
REACTIVITY - 0