



SAFETY DATA SHEET
4TH GEN Industrial Strength Heavy-Duty Degreaser

1. Identification

Product identifier

Product name 4TH GEN Industrial Strength Heavy-Duty Degreaser

Product number

Recommended use of the chemical and restrictions on use

Application Cleaning agent.

Details of the supplier of the safety data sheet

Supplier Distributed By: Austin Hardware 950
N. W. Technology Drive Lee's Summit
Missouri 64806

Manufactured by: Formoclean
3211 Nebraska Ave, Suite 300, Council Bluffs, IA 51501

Emergency telephone number

Emergency telephone Chemtrec: 1 800 424 9300

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2B - H320
Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Warning

Hazard statements H315+H320 Causes skin and eye irritation.

Precautionary statements P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

4TH GEN Industrial Strength Heavy-Duty Degreaser

2-BUTOXYETHANOL	1-5%
CAS number: 111-76-2	
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
2-AMINOETHANOL	1-5%
CAS number: 141-43-5	
Classification	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
Citric Acid	1-5%
CAS number: 77-92-9	
Classification	
Eye Irrit. 2A - H319	
SODIUM XYLENESULPHONATE	1-5%
CAS number: 1300-72-7	
Classification	
Eye Irrit. 2A - H319	
Alcohols, C9-11 ethoxylated, 6-8 EO	1-5%
CAS number: 68439-46-3	
Classification	
Acute Tox. 4 - H302	
Eye Dam. 1 - H318	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Remove affected person from source of contamination.
Inhalation	No special treatment required.
Ingestion	Do not induce vomiting. Give plenty of water to drink.
Skin Contact	No special treatment required.

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Eye contact Continue to rinse. Get medical attention if irritation persists after washing.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media As appropriate to surrounding fire.

Advice for firefighters

Special protective equipment for firefighters As appropriate to surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

Methods and material for containment and cleaning up

Methods for cleaning up Dampen spillage with water.

7. Handling and storage

Precautions for safe handling

Usage precautions Do not freeze. Keep container closed when not in use.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep out of the reach of children.

8. Exposure controls/Personal protection

Exposure controls

Hygiene measures Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Red.
Odor	No characteristic odor.
pH	pH (concentrated solution): 9.2 - 9.5
Melting point	<32°F
Initial boiling point and range	212°F
Evaporation rate	1
Vapor pressure	17 mm Hg
Vapor density	Data lacking.
Relative density	1.021
Solubility(ies)	Completely soluble in water.

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Volatile organic compound This product contains a maximum VOC content of 0 .

10. Stability and reactivity

Stability Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous reactions Will not polymerize.

Materials to avoid Other chemicals.

Hazardous decomposition products None known.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 6,097.56

Acute toxicity - dermal

ATE dermal (mg/kg) 15,277.78

Acute toxicity - inhalation

ATE inhalation (gases ppm) 62,500.0

ATE inhalation (vapours mg/l) 152.78

ATE inhalation (dusts/mists mg/l) 20.83

Carcinogenicity

Carcinogenicity California Proposition 65 does not apply.

IARC carcinogenicity Not listed.

NTP carcinogenicity Not listed.

OSHA Carcinogenicity Not listed.

Inhalation Not an expected route of exposure.

Ingestion May cause gastric distress and diarrhea.

Skin Contact Not irritating.

Eye contact Not irritating. May cause burning sensation, tearing.

Acute and chronic health hazards None known.

Route of exposure Ingestion Skin and/or eye contact

12. Ecological information

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

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14. Transport information

UN proper shipping name

Proper shipping name (TDG) Not Regulated For Shipping

Proper shipping name (IMDG) Not Regulated For Shipping

Proper shipping name (ICAO) Not Regulated For Shipping

Proper shipping name (DOT) Not Regulated For Shipping

Transport hazard class(es)

Transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

15. Regulatory information

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance

CHIP for everyone HSG228.

Workplace Exposure Limits EH40.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

Inventories

US - TSCA

All the ingredients are listed or exempt.

2-BUTOXYETHANOL

Alcohols, C9-11 ethoxylated, 6-8 EO

Citric Acid

SODIUM XYLENESULPHONATE

2-AMINOETHANOL

16. Other information

Revision date 12/1/2017

Revision 4

Supersedes date 8/11/2014

SDS No. 24682

4TH GEN Industrial Strength Heavy-Duty Degreaser

Hazard statements in full

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H320 Causes eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

ACA HMIS Health rating. Minimal hazard. (0)

ACA HMIS Flammability rating. Will not burn. (0)

ACA HMIS Physical hazard rating. Normally stable. (0)

ACA HMIS Personal protection rating. B

DIRECTIONS FOR USE

PRODUCT LOGO

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES 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 OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the usage of this product is fit for a particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.