



HG all purpose cleaner

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)
Issue date: 2021-10-30 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Product name : HG all purpose cleaner
Type of product : Detergent
Product code : 147 ART
Product group : Trade product

1.2. Recommended use and restrictions on use

Recommended uses and restrictions : A mild every day cleaner for washbasins, (synthetic) shower cubicles and tile walls. It quickly and easily removes light limescale, body grease and soap residues.

1.3. Supplier

Manufacturer
HG International B.V. P.J.
Oudweg 41 Almere, 1314
CJ The Netherlands T +31
(0)36 54 94 700
safety@hg.eu - www.hg.eu

Distributor
Toolway Industries Ltd.
1-280 Hunter's Valley Road
Woodbridge, On L4H 3V9
Canada

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency number	
Canada	Canutec		226-8832 North American 1-613-996-6666 -International	

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flammable liquids Category 4 H227 Combustible liquid
Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labeling

Signal word (GHS CA) : Warning

Hazard statements (GHS CA) : H227 - Combustible liquid

Precautionary statements (GHS CA) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P370+P378 - In case of fire: Use carbon dioxide (CO₂), extinguishing powder, foam, sand to extinguish.
P403 - Store in a well-ventilated place.
P501 - Dispose of contents/container to hazardous or special waste collection point, in

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accordance with local, regional, national and/or international regulation.
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Isopropyl alcohol	Alcohols	CAS-No.: 67-63-0	≥ 2 – < 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Combustible liquid.

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Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopropyl alcohol (67-63-0)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	2-Propanol (Isopropyl alcohol, isopropanol)
OEL TWA	492 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	984 mg/m ³
OEL STEL [ppm]	400 ppm
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 150/2020)
Canada (Quebec) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
VECD (OEL STEL)	1230 mg/m ³
VECD (OEL STEL) [ppm]	500 ppm

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Isopropyl alcohol (67-63-0)	
VEMP (OEL TWA)	985 mg/m ³
VEMP (OEL TWA) [ppm]	400 ppm
Regulatory reference	S-2.1, r. 13 - Regulation respecting occupational health and safety
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Isopropanol (Isopropyl alcohol, 2-Propanol)
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH
Canada (New Brunswick) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Notations and remarks	Eye & URT irr; CNS impair
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm

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Isopropyl alcohol (67-63-0)	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Regulatory reference	Occupational Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Regulatory reference	Ontario Occupational Exposure Limits under Regulation 833
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	2-Propanol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Notations and remarks	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	400 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Protective clothing. Protective shoes. Gloves. Safety glasses.

Hand protection:				
In case of repeated or prolonged contact wear gloves				
Type	Material	Permeation	Thickness (mm)	Penetration
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35	
Disposable gloves	butyl rubber	6 (> 480 minutes)	0.5	

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Eye protection:		
Safety glasses with side shields		
Type	Field of application	Characteristics
Safety glasses	Normal use conditions	With side shields

Skin and body protection:
Long sleeved protective clothing. Chemical resistant safety shoes

Respiratory protection:
No respiratory protection needed under normal use conditions

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: yellowish
Odor	: Floral
Odor threshold	: No data available
pH	: 8 – 10
pH solution	: 100 %
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 78 °C (Closed cup)
Auto-ignition temperature	: 399 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 0.996
Solubility	: In water, material soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Isopropyl alcohol (67-63-0)	
LD50 oral rat	5840 mg/kg
LD50 oral	4396 mg/kg body weight
LD50 dermal rabbit	12800 mg/kg
LD50 dermal	12800 mg/kg body weight
LC50 Inhalation - Rat (Dust/Mist)	46600 mg/l
ATE CA (oral)	4396 mg/kg body weight
ATE CA (Dermal)	12800 mg/kg body weight
ATE CA (dust,mist)	46600 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 8 – 10
Serious eye damage/irritation	: Not classified pH: 8 – 10
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

Isopropyl alcohol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

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Isopropyl alcohol (67-63-0)	
LC50 - Fish [1]	9640 mg/l
LC50 - Fish [2]	9640 mg/l
EC50 - Other aquatic organisms [1]	13299 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 1000 mg/l
Partition coefficient n-octanol/water (Log Pow)	0.05

12.2. Persistence and degradability

HG all purpose cleaner	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05

12.4. Mobility in soil

Isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

TDG	DOT	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
Transport document description			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable

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TDG	DOT	IMDG	IATA
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

14.6. Special precautions for user

TDG

No data available

DOT

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Isopropyl alcohol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Isopropyl alcohol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16: Other information

Issue date : 10-30-2021

Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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Full text of H-phrases:	
H225	Highly flammable liquid and vapor
H227	Combustible liquid
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

Abbreviations and acronyms:	
CAS-No.	Chemical Abstract Service number
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
ThOD	Theoretical oxygen demand (ThOD)
SDS	Safety Data Sheet

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.