

1 Identification

Product identifier

Product name: HGV Clear

Application of the substance / the mixture All-purpose cleaner/descaler

Uses advised against None specified.

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

HGV Opco LLC
500 Orient Street, Suite 150
Chico, CA 95928
(213) 669-6877

Emergency telephone number Chemtrec 1-800-424-9300 CCN: 1014486

2 Hazard(s) identification

Classification of the substance or mixture The product is not classified, according to the Globally Harmonized System (GHS).

Label elements

GHS label elements None

Hazard pictograms None

Signal word None

Hazard statements None

Other hazards

Results of PBT and vPvB assessment The components in this formulation do not meet the criteria for classification as PBT or vPvB.

PBT: Not applicable.

vPvB: Not applicable.

Classification according to (d)(1)(ii) of § 1910.12000

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

Components:

CAS: 7732-18-5	D.I. Water	80-100%
CAS: 7790-92-3	Hypochlorous acid	<0.1%

Additional information:

In accordance with paragraph (i) of §1910.1200, the exact percentage (concentration) of composition of the mixture ingredients has been withheld as a trade secret.

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4 First-aid measures

Description of first aid measures**After inhalation:** Get medical advice/attention if you feel unwell.**After skin contact:**

If on skin: Wash with plenty of soap and water.

Wash contaminated clothing before reuse.

If skin irritation occurs: Get medical advice/attention.

After eye contact:

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.

After swallowing:

Do NOT induce vomiting.

Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Any additional important symptoms and effects are described in Section 11: Toxicological Information.

Indication of any immediate medical attention and special treatment needed Get medical advice/attention if you feel unwell.

5 Fire-fighting measures

Extinguishing media**Suitable extinguishing agents:** Use dry powder, in case of fire in surroundings, all extinguishing agents allowed.**For safety reasons unsuitable extinguishing agents:** None identified.**Special hazards arising from the substance or mixture** The product itself is not combustible.**Advice for firefighters****Protective equipment:**

Firefighters use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Environmental precautions: Keep from entering storm sewers and ditches which lead to waterways.**Methods and material for containment and cleaning up:**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Reference to other sections

See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**Precautions for safe handling:**

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Information about storage in one common storage facility: Keep container tightly closed in a dry and well-ventilated place.

Further information about storage conditions:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection**Additional information about design of technical systems:**

Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Control parameters**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with occupational exposure values that have to be monitored at the workplace.

Regulatory information

Monitoring of substance concentrations in air at the workplace may be necessary to ensure compliance with official exposure limit values and adequacy of exposure controls. For some substances biological monitoring may also be appropriate. For further information contact the supplier or the competent authorities.

Exposure controls Provide eyewash station and safety shower.

Personal protective equipment:**General protective and hygienic measures:**

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Breathing equipment:

No respiratory protection required under most conditions. If concentrations exceed exposure limits, approved respiratory equipment must be used.

Protection of hands:

Material of gloves Chemical resistant gloves (nitrile)

Penetration time of glove material

The exact break through time should be determined by the manufacturer of the protective gloves and should be observed.

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Product name: HGV ClearBreak through time of gloves ≥ 8 h**Eye protection:**

Safety glasses with side shields

If splash potential exists, wear full face shield or chemical goggles.

Body protection: Impermeable protective clothing.**9 Physical and chemical properties****Information on basic physical and chemical properties****General Information****Appearance:**

Form:	Liquid
Color:	Colorless
Odor:	Odorless
Odor threshold:	Not determined.
pH-value:	No data available.

Change in condition

Melting point/Melting range:	No data available.
Boiling point/Boiling range:	No data available.
Flash point:	Not applicable.
Flammability:	Not applicable.
Auto igniting:	No data available.
Decomposition temperature:	No data available.
Ignition temperature:	No data available.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.

Oxidizing properties:	No data available.
Vapor pressure:	No data available.
Density:	No data available.
Relative density:	Not determined.
Vapour density:	Not applicable.
Evaporation rate:	Not determined.
Solubility in / Miscibility with	
Water:	Soluble.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.

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Product name: HGV Clear**Other information**

No further relevant information available.

10 Stability and reactivity**Reactivity** No dangerous reaction known under conditions of normal use.**Chemical stability** Stable under recommended handling and storage conditions (see section 7).**Possibility of hazardous reactions** Hazardous polymerisation will not occur.**Conditions to avoid** None known.**Incompatible materials:** None known**Hazardous decomposition products:** No hazardous decomposition products are known.**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values:** Based on available data, the classification criteria are not met.**Skin Corrosion/Irritation:** Based on available data, the classification criteria are not met.**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.**Sensitization:** Based on available data, the classification criteria are not met.**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Reproductive toxicity:** Based on available data, the classification criteria are not met.**STOT-single exposure:** Based on available data, the classification criteria are not met.**STOT-repeated exposure:** Based on available data, the classification criteria are not met.**Aspiration hazard:** Based on available data, the classification criteria are not met.**Additional toxicological information:**

Information on likely routes of exposure

INHALATION: Likely route of exposure, however not hazardous at product concentration.EYE CONTACT: Likely route of exposure, however not hazardous at product concentration.SKIN CONTACT: Likely route of exposure, however not hazardous at product concentration.INGESTION: Likely route of exposure, however not hazardous at product concentration.**Symptoms related to the physical, chemical and toxicological characteristics**

None anticipated.

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

None anticipated.

Carcinogenic categories**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

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Product name: HGV Clear**Alternative sources for toxicological information** No non-standard sources for toxicological information where used.**12 Ecological information****Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Ecotoxicological effects:****General notes:** Not hazardous for water.**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Waste treatment methods****Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number****DOT, IMDG, IATA** Not applicable**UN proper shipping name****DOT, IMDG, IATA** Not applicable**Transport hazard class(es)****DOT, IMDG, IATA****Class** Not applicable

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Product name: HGV Clear**Packing group**

DOT, IMDG, IATA Not applicable

Environmental hazards:

Not applicable.

Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code**

Not determined

UN "Model Regulation":

Not applicable

15 Regulatory information**TSCA (Toxic Substances Control Act):**

The following substances are listed on the TSCA Inventory:

CAS: 7732-18-5	D.I. Water
CAS: 7790-92-3	Hypochlorous acid

Hazardous Air Pollutants

None of the ingredients is listed.

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

16 Other information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not valid for the new made-up material.

Date of preparation / last revision 05/14/2025 / -**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Sources Data arise from reference works and literature.
