STAINLESS STEEL CLEANER

Revision Date: 2/2/2020

SECTION 1: Identification

Recommended use
Metal Cleaner and Polish, sprayable liquid cleans and polishes stainless steel, chrome, aluminum and other metallic surfaces to a high gloss in one step

Supplier's details

PRODUCT:	Stainless Steel Cleaner
FORMULA NUMBER:	010
NAME:	GETT
ADDRESS:	58-90 55th Street, Maspeth, NY 11378
Telephone:	1-877-277-6579

Emergency telephone number
1-800-424-9300

SECTION 2: Hazard identification

Hazard classification
Skin Sensitizer: Category 1
Aspiration Hazard: Category 1
Flammable Liquids: Category 4

Label elements
Signal word
Danger

Symbols
Exclamation mark | Health Hazard | Flammable

Pictograms

Hazard Statements
May cause an allergic skin reaction.
May be fatal if swallowed and enters airways.
Combustible liquid.

Precautionary Statements
General:
Keep out of reach of children.

Prevention:
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear protective gloves/eye protection/face protection.
Keep away from flames and hot surfaces. – No smoking.
Contaminated work clothing must not be allowed out of the workplace.

Response:
IF ON SKIN: Wash hands, face and any skin contact thoroughly after handling.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
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.
Do NOT induce vomiting.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IN CASE OF FIRE: Use foam or water spray to extinguish.
Store in a cool well-ventilated place.
Dispose of contents/container to an approved disposal facility.

Storage:
Store locked up.

Disposal:
Dispose of contents/container in accordance with applicable local/regional/national/international regulation

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
ISOPARAFFINIC HYDROCARBON	64742-48-9	35-45 Trade Secret*
MINERAL SPIRITS	8052-41-3	30-40 Trade Secret *
REFINED MINERAL OIL	64741-86-2	15-25 Trade Secret*
D-LIMONENE	5989-27-5	1-5 Trade Secret *

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

Description of first aid measures
Inhalation:
Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:
Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye Contact:
Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If Swallowed:
Do not induce vomiting. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed
See Section 11 information on toxicological effects.

Indication of any immediate medical attention and special treatment required
Not applicable

SECTION 5: Fire-fighting measures

Suitable Extinguishing Media
Use water spray, dry chemical, carbon dioxide or foam extinguishing agents. In case of fire, keep containers cooled with water spray.

Unsuitable Extinguishing Media: High pressure water jet.

Special hazards in case of fire: None known

Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

Special protective actions for fire-fighters
Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Evacuate area. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Depending on the extent of release, consider the need for restriction of access to spill area. Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

Environmental precautions
Avoid release to the environment.

Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

Precautions for safe handling
For industrial or professional use only. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (e.g. chlorine, chromic acid etc.)

Conditions for safe storage including any incompatibilities
Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store in tightly closed original container in a cool (10° - 30°C), dry, well-ventilated area. Store away from acids. Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type
MINERAL SPIRITS	8052-41-3	ACGIH	OSHA TWA 500 ppm, 2900 mg/m3 NIOSH TWA 350 mg/m3 ACGIH 100 ppm
ISOPARAFFINIC HYDROCARBON	64742-48-9	RCP-TWA	177 ppm, 1200 mg/m3
REFINED MINERAL OIL	64741-86-2	ACGIH TLV	TWA 200 ppm, 8 hrs
D-LIMONENE	5989-27-5	AIHA	TWA:165.5 mg/m3(30 ppm)

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor - Occupational Safety and Health Administration
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

Exposure controls

Engineering controls
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended: Safety Glasses with side shields

Skin/hand protection
Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Gloves made from the following material(s) are recommended: Nitrile Rubber Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (e.g. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Nitrile, Apron - polymer laminate

Respiratory protection

Under normal conditions of use, respiratory protection may not be necessary. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form:	Liquid
Specific Physical Form:	liquid
Odor, Color, Grade:	Creamy white emulsion characteristic fragrance
Odor threshold	*No Data Available*
pH	5.5 - 8.5
Melting point	*Not Applicable*
Boiling Point	212 ºF
Flash Point	*No Data Available*
Freezing Point	32 ºF
Evaporation rate	*No Data Available*
Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	*No Data Available*
Flammable Limits(UEL)	*No Data Available*
Vapor Pressure	< 16 mmHg
Vapor Density	*No Data Available*
Density	Approximately 0.95 g/ml
Specific Gravity	Approximately 1
Solubility In Water	*No Data Available*
Solubility- non-water	*No Data Available*
Partition coefficient: n-octanol/ water	*No Data Available*
Autoignition temperature	*No Data Available*
Decomposition temperature	*No Data Available*
Viscosity	*No Data Available*
Molecular weight	*No Data Available*
Volatile Organic Compounds	< 0.1 % weight
Percent volatile	> 70
VOC Less H2O & Exempt Solvents	< 1.5 g/l

SECTION 10: Stability and reactivity

Reactivity
No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected. However, this material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

Chemical stability
Stable.

Possibility of hazardous reactions
Hazardous polymerization will not occur.

Conditions to avoid
Temperatures above 50°C or below 10°C.

Incompatible materials
Strong oxidizing agents
Strong acids

Hazardous decomposition products

Substance	Condition
None known.	

Refer to section 5 for hazardous decomposition products during combustion

SECTION 11: Toxicology

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:
Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:
Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:
Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:
Chemical (Aspiration) Pneumonitis: Signs/symptoms may include coughing, gasping, choking, burning of the mouth, difficulty breathing, bluish colored skin (cyanosis), and may be fatal.

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
MINERAL SPIRITS	Oral	Rat	LD50 >5000 mg/kg
	Dermal	Rabbit	LD50 >3000 mg/kg
ISOPARAFFINIC HYDROCARBON	Inhalation		LD50 estimated to be > 5,000 mg/kg
	Ingestion		LD50 >10000 mg/kg
	Skin		LD50 >3160 mg/kg
	Eye		Causes Irritation
REFINED MINERAL OIL	Inhalation	Rat	LC50 4.6 mg/l, 4 hrs
	Dermal	Rabbit	LD50 >2000 mg/kg
	Oral	Rat	LD50 >5000 mg/kg
D-LIMONENE	Inhalation	Mouse	LC50 > 3.14 mg/l
	Dermal	Rabbit	LD50 > 5,000 mg/kg
	Ingestion	Rat	LD50 4,400 mg/kg

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information
Materials - May cause long term adverse effects in the aquatic environment.

Persistence and Degradability
Expected to be readily biodegradable, transformation due to hydrolysis not expected to be significant, transformation due to photolysis not expected to be significant, expected to degrade rapidly in air.

Bioaccumulative Potential
No evidence to suggest bio-accumulation will occur.

Mobility in Soil
This product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. It is soluble in water. Accidental spillage may lead to penetration of soil and groundwater.

Chemical fate information

No data available. Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

Component	Result	Species	Exposure
Mineral Spirits	LL50 8.2 mg/l	Oncorhyncus	96 hrs
	EL50 32 mg/l	Oncorhyncus	48 hrs
Isoparaffinic Hydrocarbon	This material is not expected to be harmful to aquatic organisms and is not expected to demonstrate chronic toxicity to aquatic organisms.		
Refined Mineral Oil	EC50 2-100 mg/l	Algae	72 hrs
	EC50 2-100 mg/l	Crustaceans	48 hrs
	LC50 2-100 mg/l	Fish	96 hrs
D-Limonene	LC50 35 mg/l	Oncorhyncus mykiss	96 hrs

SECTION 13: Disposal considerations

13.1. Disposal methods

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

Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

The flashpoint of this material is greater than 100 degrees F. Regulatory classification of this material varies. DOT: Flammable liquid or combustible liquid. OSHA: Combustible liquid. IATA/IMO: Flammable liquid. This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

Proper Shipping Name: Not regulated
RQ - Not Applicable

Transport hazard class: Not Applicable
Hazard Label: Not Applicable

Packing Group: Not Applicable
Emergency Guide No.: Not Applicable
Marine Pollutant: No Environmental hazards
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

SECTION 15: Regulatory information

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Immediate (Acute) Health Hazard	Yes	**Delayed (Chronic) Health Hazard**	No
Fire Hazard	Yes	**Reactive Hazard**	No
Sudden Release of Pressure Hazard	No		

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312
Immediate (Acute) Health Hazard Yes **Delayed (Chronic) Health Hazard** No
Fire Hazard Yes **Reactive Hazard** No
Sudden Release of Pressure Hazard No
Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313
*****Chemicals marked with an asterisk in "**3. Composition/Information on Ingredients**" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.
Pennsylvania/New Jersey/Massachusetts Right to Know
See "**3. Composition/Information on Ingredients**" for hazardous and top five ingredients over 1% (w/w).
California Proposition 65: This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

SECTION 16: Other information

NFPA Hazard Classification
Health: 2 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification
Health: 2 **Flammability:** 1 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

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The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material.