

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	JIFFY (A)
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2233
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Foaming Citrus Degreaser/Cleaner
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2233.10
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2015-05-12
		REPLACES VERSION DATED:	2015-01-02 <i>and all prior versions</i>

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Health Skin Irritant-2
Eye Irritant-2A
Skin Sensitization-1

There are no other hazards not otherwise classified that have been identified. 0 percent of the mixture consists of ingredient(s) of unknown toxicity.

Physical Aerosol

Label elements



Signal word WARNING

Hazard statements H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Precautionary statements: P261 Avoid breathing mist/vapors/spray.
P280 Wear protective gloves and eye protection.
P264 Wash thoroughly after handling.
P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 IF skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 IF eye irritation persists: Get medical advice/attention.
P302 + P352 If on skin: Wash with plenty of water.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.
P501 Dispose of contents/container in accordance with Local/regional/national/international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Petroleum gases, liquefied	68476-85-7	5-10
Ethanol	64-17-5	1-5
Coconut diethanolamide	68603-42-9	1-5
d-Limonene (citrus terpenes)	94266-47-4	1-5
Dodecylbenzenesulphonic acid	27176-87-0	2-5
2-aminoethanol	141-43-5	1-5
4-nonylphenyl-polethylene glycol	9016-45-9	1-5
Sodium nitrite	7632-00-0	<1.0

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

General	Immediately remove any clothing soiled by the product.
Inhalation	Supply fresh air. Consult doctor in case of complaints.
Skin contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
Eye contact	Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Ingestion	Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.
Most important symptom/effects, acute and delayed	Dizziness, coughing, breathing difficulty, allergic reactions, irritant to skin and mucous membranes, irritant to eyes. Danger: Vapors have narcotic effect.
Indication of immediate medical attention and special treatment needed	Medical supervision for at least 48 hours. Treat skin and mucous membrane with antihistamine and corticoid preparations. Contains d-Limonene (citrus terpenes). May produce an allergic reaction.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	None.
Specific hazards arising from the chemical	Danger of receptacles bursting because of high vapor pressure if heated. Formation of toxic gases is possible during heating or in case of fire.
Special protective equipment and precautions for firefighters	Wear self-contained respiratory protective device. Wear fully protective suit.
Additional information	Cool endangered receptacles with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away. For large spills, use respiratory protective device against the effects of fumes/dust/aerosol. Ensure adequate ventilation. Protect from heat.
Methods and materials for containment and cleaning up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Send for recovery or disposal in suitable receptacles. Clean the affected area carefully; suitable cleaners are: warm water.
Environmental precautions	Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Use only in well ventilated areas. Avoid splashes or spray in enclosed areas.
Protection against explosions and fires	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120 °F (49 °C) i.e. electric lights. Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Store in a cool location. Observe official regulations on storing packaging with pressurized containers. Store away from foodstuffs. Protect from heat and direct sunlight. Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Component</u>	<u>PEL</u>	<u>TLV</u>
Petroleum gases, liquefied (68476-85-7)	Long term value: 1800 mg/m ³ , 1000 ppm	Refer to Appendix F: minimal oxygen content
2-ethoxyethoxy)ethanol (111-90-0)	Long-term value: 25 ppm (WEEL)	N/D
Ethanol (64-17-5)	Long-term value: 1900 mg/m ³ , 1000 ppm	Short-term value: 1880 mg/m ³ , 1000 ppm
2-aminoethanol (141-43-5)	Long-term value: 6 mg/m ³ , 3 ppm	Short-term value: 15 mg/m ³ , 6 ppm Long-term value: 7.5 mg/m ³ , 3 ppm

Additional Information: The lists that were valid during the creation were used as basis.

Appropriate engineering controls: No further relevant information available.

Individual protection measures, such as personal protective equipment:

Eye/face protection	Wear safety glasses.
Hand protection	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Other	Protective work clothing.
Respiratory protection	Not required under normal use. Use suitable respiratory protective device when high concentrations are present. For spills, respiratory protection may be advisable.
General hygiene considerations	The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols. Avoid contact with the eyes and skin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Color	Water white light straw, clear-hazy liquid.
Form	Aerosol.
Odor	Citrus.
Flash point	Not applicable as aerosol.
Melting point	Not applicable, as aerosol.
Boiling point	212°F (100°C)
Auto-igniting	Product is not self-igniting.
pH	Not determined.
Solubility in/ Miscibility with water	Fully miscible.
Vapor density	Not determined.
Vapor pressure @ 68°F (20°C)	23 hPa (17 mm Hg)
Viscosity	Not determined.
Other information	No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Danger of receptacles bursting because of high vapor pressure if heated. No decomposition if used and stored according to specifications.
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Possibility of hazardous reactions	Reacts with oxidizing agents. Reacts with strong acids and alkali. Toxic fumes may be released if heated above the decomposition point.
Conditions to avoid	Store away from oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide, nitrogen oxides (NOx).
Incompatible materials	No further relevant information available.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological effects	<u>Sodium nitrite</u> (7632-00-0) Oral LD ₅₀ 85 mg/kg (rat)
Primary Irritant Effect:	
Skin	Irritant to skin and mucous membranes
Eye	Irritating effect.
Sensitization	Sensitization possible through skin contact. Sensitizing effect through inhalation is possible with prolonged exposure. Contains d-Limonene (citrus terpenes). May produce an allergic reaction.
Subacute to chronic toxicity	No further relevant information available.
Additional toxicological information	Danger thru skin absorption. Toxic and/or corrosive effects may be delayed up to 24 hours. Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.
Information on toxicological effects	
Probable Routes of Exposure	Inhalation, eye contact, skin contact.
Acute Effects	Irritating to eyes. Irritating to skin. May cause an allergic skin reaction.
Repeated Dose Toxicity	Repeated exposures may result in skin and/or respiratory sensitivity.
Carcinogenicity	OSHA-None NTP-None

SECTION 12: ECOLOGICAL INFORMATION

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	Harmful to fish
Additional Information	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Harmful to aquatic organisms
Results of PBT and vPvB assessment	PBT: Not applicable. VpvB: Not applicable.
Other adverse effects	No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions Must not be disposed of together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non hazardous wastes. Residual materials should be treated as hazardous.

Contaminated packaging Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

DOT

UN number	UN1950
UN proper shipping name	Aerosols, Non-Flammable
Transport hazard class(es)	2.2

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

SECTION 15: REGULATORY INFORMATION

TSCA : All ingredients are listed.

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

California Proposition 65: Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product.

64-1- 5 ethanol; 68603-42-9 Coconut diethanolamide

Chemicals known to cause reproductive toxicity for males/females: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: Ethanol - listing refers specifically to alcoholic beverage consumption and is not applicable for product. 64-17-5 Ethanol

Carcinogenic categories: EPA-None listed; IARC 64-17-5 ethanol (1), 68603-42-9 Coconut diethanolamide (2b); ACGIH 64-17-5 ethanol (A3) ; NIOSH-CA None of the ingredients listed.

State Right to Know Listings: None of the ingredients is listed.

Other- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. - **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS