



G.K. Chemical Specialties Co. Inc.
90 Barbados Blvd.
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Material SAFETY DATA SHEET

PRODUCT NAME: G-660 H.D. Powdered Stripper and Cleaner/Degreaser

HEALTH HAZARD RATING:	MODERATE HAZARD - temporary or minor injury may occur
FLAMMABILITY HAZARD RATING:	MINIMAL HAZARD – materials which are normally stable and will be burn unless heated
REACTIVITY HAZARD RATING:	SLIGHT HAZARD – materials, which are normally stable, but can become unstable at high temperatures and pressures. These materials, may react with water, but will not release energy violently.
PERSONAL PROTECTION:	Safety glasses + gloves +dust respirator
HAZARD ALERT SIGN:	HEALTH HAZARD – Hazardous FIRE HAZARD – Will not burn incombustible REACTIVITY – Unstable if heated SPECIFIC HAZARD – Corrosive

SECTION I – MATERIAL IDENTIFICATION AND USE / IDENTIFICATION DE LA MATIÈRE ET USAGE

MATERIAL NAME / IDENTIFIÉ – NOM / IDENTIFICATION DE LA MATIÈRE

G-660 H.D. Powdered Stripper and Cleaner/Degreaser

MANUFACTURER'S NAME AND ADDRESS/ NOM DU FABRICANT – ADRESSE EMERGENCY PHONE NO. / N° DE TÉLÉPHONE D'URGENCE	G.K. Chemical Specialties Co. Inc. 90 Barbados Blvd. Scarborough, Ontario M1J 1K9 (416) 261-7182 / 905 427-7605
SUPPLIER'S NAME AND ADDRESS/ NOM DU FOURNISSEUR - ADRESSE EMERGENCY PHONE NO. / N° DE TELEPHONE DURGENCE	
CHEMICAL NAME / DÉNOMINATION CHIMIQUE	Not Applicable
CHEMICAL FAMILY / FAMILLE CHIMIQUE	Alkali
CHEMICAL FORMULA / FORMULE CHIMIQUE	Not Applicable
TRADE NAME AND SYNONYMS / APPELLATION COMMERCIALE ET SYNONYMES	Not Applicable
MOLECULAR WEIGHT / POIDS MOLÉCULAIRE	Not Applicable
MATERIAL USE / UTILISATION DE LA MATIÈRE	Cleaning

G.K. Chemical Specialties Co. Inc. has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation.

G.K. Chemical Specialties Co. Inc. extends no warranty and assumes no responsibility as to the accuracy of the content or sufficiency of the information and expressly disclaims all liability for reliance thereon. This MSDS provides guidelines for the safe handling of this product. It does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required. Individuals exposed to this product should read and understand this information and be provided pertinent training prior to working with this product.

G.K. Chemical Specialties Co. Inc. assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

INGREDIENTS. This MSDS, under section of Ingredients, contains all ingredients listed under INGREDIENT DISCLOSURE LIST P.C. 1987-2719, 20/1/88 CANADA GAZETTE PART II VOL. 122, No 2 of HAZARDOUS PRODUCT ACT.

Percentage range of concentration of ingredients is expressed as percentage by weight of the total weight of the product. Ingredient List does not necessarily list all ingredients in the formulation and does not necessarily list all ingredient range of concentration, other than ingredients under the Disclosure List.

T.L.V. (units) or Threshold Limit Values refer to the limiting concentrations recommended by the Ministry of Labour. These values were adopted by the American Conference of Governmental Industrial Hygienists (A.C.G.I.H.). The figures refer to time-weighted average concentrations as P.P.M. (V/V) or mg/m³ for a normal working day or at any time for some materials.

“C.A.S REG. No.” means the identification number assigned to a chemical substance by the Chemical Abstracts Service Division of the American Chemical Society.

“LC 50” means the concentration of a substance in air that when administered by means of inhalation over a specified length of time in an animal assay, is expected to cause the death of 50 per cent of a defined animal population.

“LD 50” means the single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause death of 50 per cent of a defined animal population.

FLASH POINT. The minimum temperature at which a substance gives off flammable vapors which in contact with spark or flame will ignite.

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL / INGRÉDIENTS DANGEREUX DE LA MATIÈRE

HAZARDOUS INGREDIENTS / INGRÉDIENTS DANGEREUX	APPROXIMATE CONCENTRATION % CONCENTRATION APROXIMATIVE %	C.A.S., N.A. OR U.N. NUMBERS / NUMERO CAS NA OU CNU	LD50 {SPECIFY SPECIES & ROUTE} DL50 {PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION}	LC 50 {SPECIFY SPECIES & ROUTE} CL50 {PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION}
Sodium Metasilicate	60-100	6834-92-0	1280 mg/kgm Oral Rat	
Surfactant, Color	Non Hazardous			
			< = Less Than > = Greater Than	

SECTION III – PHYSICAL DATA FOR MATERIAL / CARACTÉRISTIQUES PHYSIQUES DE LA MATIÈRE

PHYSICAL STATE / ÉTAT PHYSIQUE	Liquid
ODOUR AND APPEARANCE / ODEUR ET APPARENCE	Yellow to Orange powder – No Odour
ODOUR THRESHOLD (P.P.M.) / SEUIL DE L'ODEUR (PPM)	Not Applicable
SPECIFIC GRAVITY / DENSITE RELATIVE	1.75 gm/cm ³
VAPOUR PRESSURE [MM] / TENSION DE VAPEUR [MM]	Not Applicable
VAPOUR DENSITY [AIRE = 1] / DENSITE DE VAPEUR [AIR =1]	Not Applicable
EVAPORATION RATE / TAUX D'ÉVAPORATION	Not Applicable
BOILING POINT [°C] / POINT D'ÉBULLITION [°C]	Not Applicable
FREEZING POINT [°C] / POINT DE CONGELATION [°C]	Not Applicable
SOLUBILITY IN WATER [20°C] / SOLUBILITÉ DANS L'EAU [20°C]	18% Maximum
% VOLATILE [BY VOLUME] / % VOLATILITÉ [PAR VOLUME]	Not Applicable
PH	Not Applicable
COEFFICIENT OF WATER / OIL DISTRIBUTION / COEFFICIENT DE RÉPARTITION EAU / HUILE	Not Applicable

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL/RISQUES D'INCENDIE ET D'EXPLOSION DU MATÉRIEL

FLAMMABILITY / INFLAMMABILITÉ __ YES / OUI _X_ NO/NON IF YES, UNDER WHICH CONDITIONS? / SI OUI, DANS QUELLES CONDIONS?	
MEANS OF EXTINCTION / MOYENS D'EXTINCTION	This material is not combustible. Use extinguishing media appropriate for surrounding fire.
SPECIAL PROCEDURES / MARCHE A SUIVRE SPÉCIALE	Wet product is very slippery. Avoid all physical contact with the product. Fire fighters should wear self-contained breathing apparatus and full protective clothing.
FLASHPOINT [°C] AND METHOD / POINT D'ÉCLAIR [°C] ET MÉTHODE DE DÉTERMINATION	Not Applicable
UPPER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MAXIMAL D'INFLAMMABILITÉ [% PAR VOLUME]	Not Applicable

LOWER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MINIMAL D'INFLAMMABILITÉ [% PAR VOLUME]	Not Applicable
AUTOIGNITION TEMPERATURE [°C] / TEMPÉRATURE D'AUTO-INFLAMMATION [°C]	Not Applicable
HAZARDOUS COMBUSTION PRODUCTS / PRODUITS DE COMBUSTION DANGEREUX	None

EXPLOSION DATA / DONNÉES SUR L'EXPLOSIBILITÉ

SENSITIVITY TO MECHANICAL IMPACT / SENSIBILITÉ AUX CHOCS	
SENSITIVITY TO STATIC DISCHARGE / SENSIBILITÉ AUX DÉCHARGES ÉLECTROSTATIQUES	

SECTION V – REACTIVITY DATA / DONNÉES SUR LA RÉACTIVITÉ

CHEMICAL STABILITY / STABILITÉ CHIMIQUE <input checked="" type="checkbox"/> YES / OUI NO/NON IF NO, UNDER WHICH CONDITIONS? / SI NON, DANS QUELLES CONDISIONS?	
INCOMPATIBILITY TO OTHER SUBSTANCES / INCOMPATIBILITÉ AVEC D'AUTRES SUBSTANCES <input checked="" type="checkbox"/> YES / OUI NO/NON IF SO, WHICH ONES? / SI OUI, AVEC LESQUELLES?	Strong acids; Prolonged contact with aluminum, copper, tin, lead or zinc may liberate flammable hydrogen gas.
REACTIVITY AND UNDER WHAT CONDITIONS / RÉACTIVITÉ – DANS QUELLES CONDITIONS?	Strong acids
HAZARDOUS DECOMPOSITION PRODUCTS / PRODUITS DE DÉCOMPOSITION DANGEREUX	None

SECTION VI – TOXICOLOGICAL PROPERTIES OF MATERIAL / PROPRIÉTÉS TOXICOLOGIQUES DE LA MATIÈRE

ROUTE OF ENTRY / VOIE D'ADMINISTRATION

SKIN CONTACT / CONTACT AVEC LA PEAU SKIN ABSORPTION / ABSORPTION PAR LA PEAU
 EYE CONTACT / CONTACT OCULAIRE INHALATION ACUTE / INHALATION AIGUE
 INHALATION CHRONIC / INHALATION CHRONIQUE INGESTION

EFFECTS OF ACUTE EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION AIGUE A LA MATIERE	INHALATION: Dust is extremely corrosive to the entire respiratory tract. EYE CONTACT: Extremely corrosive. Brief contact causes severe eye damage and prolonged contact causes permanent eye injury, which may be followed by blindness. SKIN CONTACT: Prolonged or repeated contact with the dust or solution in water, may cause severe burns. Prolonged exposure may lead to skin ulceration. SWALLOWED: Extremely corrosive to the mouth and throat.
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION CHRONIQUE A LA MATIERE	May Result in areas of destruction of skin tissue or primary irritant dermatitis. Similarly, inhalation of dusts or mists may cause varying degrees of damage to the affected tissues.

MATERIAL NAME / IDENTIFIER - NOM / IDENTIFICATION DE LA MATIÈRE↓**G-660 Powdered Stripper and Cleaner/Degreaser**

LD 50 OF MATERIAL [SPECIFY SPECIES & ROUTE] / LD50 DE LA MATIÈRE [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]	1280 mg/kgm Oral Rat
LC50 OF MATERIAL [SPECIFY SPECIES & ROUTE] LC50 DE LA MATIÈRE / [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]	Dermal: Human 250 mg/24 hr Severe irritation
EXPOSURE [LIMITS] / LIMITS D'EXPOSITION	Not Available
IRRITANCY OF MATERIAL/PROPRIÉTÉ IRRITANTE DE LA MATIÈRE	Eyes, Skin
SENSITIZATION OF MATERIAL / SENSIBILISATION A LA MATIÈRE	Eyes, Skin
SYNERGISTIC MATERIALS / MATÉRES SYNERGIQUES	None Known
CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY / CANCÉROGÉNÉCITÉ, EFFETS NOCIFS SUR LA REPRODUCTION, TÉRATOGÉNÉCITÉ, MUTAGÉNÉCITÉ	This material is not considered to be a carcinogen, by the national toxicology program, the international agency for research on cancer, or the occupational safety and health administration.

SECTION VII – PREVENTIVES MEASURES / MESURES PRÉVENTIVES**PERSONAL PROTECTIVE EQUIPMENT / MATÉRIEL PERSONNEL DE PROTECTION**

GLOVES (SPECIFY) GANTS [PRÉCISER]	Rubber Gloves
EYE [SPECIFY] / YEUX [PRÉCISER]	Glasses, Goggles
RESPIRATORY (SPECIFY) / APPAREIL RESPIRATOIRE (PRÉCISÉR)	If use conditions generate dusts, wear a NIOSH approved respirator.
OTHER (SPECIFY) / AUTRES (PRCISER)	Wear a rubber apron when using product as a strong solution in water.
ENGINEERING CONTROLS [E.G. VENTILATION, ENCLOSED PROCESS, SPECIFY] / MÉCANISMES TECHNIQUES [EX. VENTILATION, OPÉRATION EN MILIEU FERMÉ, PRÉCISER]	General Ventilation
LEAK AND SPILL PROCEDURE / MESURES EN CAS DE FUITE OU DE DÉVERSEMENT	Wear Alkali-Resistant slicker suit rubber gloves, rubber boots. When a solution in water is involved, diluted acid should be used to neutralize product. Flush neutral liquid to sewer with plenty water. Powdered product should be swept up for salvage or disposal.
WASTE DISPOSAL / ÉLIMINATION DES RÉSIDUS	If material can not be salvaged, a method of disposal is in a landfill in accordance with all local, and federal regulations. Small amount of solution in water-sanitary sewer. Large amount of solution in water. Neutralize with diluted acid and then flush with plenty of water to sewer.
HANDLING PROCEDURES AND EQUIPMENTS / MÉTHODES ET ÉQUIPEMENT POUR LA MANUTENTION	Avoid any contact with skin and eyes. Avoid inhalation of dust
STORAGE REQUIREMENTS / EXIGENCES D'ENTREPOSAGE	Store in closed containers, away from children.
SPECIAL SHIPPING INFORMATION / RENSEIGNEMENTS SPÉCIAUX POUR L'EXPÉDITION	Not Applicable

SECTION VIII – FIRST AID MEASURES / PREMIERS SOINS

EYE CONTACT: Immediately flush with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get medical attention.

SKIN CONTACT: Immediately wash skin with lots of water. Neutralize with dilute vinegar or lemon juice. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if required.

IF SWALLOWED: Do not induce vomiting. If conscious, give lots of water or milk, then drink diluted vinegar, lemon juice or orange juice. Get medical attention.

ADDITIONAL INFORMATION / RENSEIGNEMENTS SUPPLÉMENTAIRES	
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SECTION IX – PREPARATION DATE OF M.S.D.S. / FICHE SIGNALÉTIQUE

PREPARED BY: Gus Kaklamanos - CHEMIST

TELEPHONE NO.: (416) 2617182

DATE: **January 5, 2015**

ADDITIONAL NOTES OR REFERENCES / NOTES ADDITIONNELLES OU RÉFÉRENCES:

WHMIS CLASSIFICATION: CLASS E
CLASS D, DIV. 2, SUB. B.