MATERIALSAFETYDATASHEET

NeutronIndustries
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StateChemicalLtd.
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1.CHEMICALPRODUCTANDCOMPANYIDENTIFICATION

ProductName: **NI-712FoamingGlassCleaner**
ProductDescription: Foamingaerosolglasscleaner.

24HourEmergencyCHEMTRECNumber: 800-424-9300
MSDSNumber: 700148

2.COMPOSITION/INFORMATIONONINGREDIENTS

HazardousIngredients	CASNumber	Wt%	ACGIH	OSHA
Propane	74-98-6	1.0%	2500ppm	1000ppm
Butane	106-97-8	4.0%	800ppm	800ppm
2-Butoxyethanol	111-76-2	4.0%	25ppm	25ppm(skin)
Ammonia(presentasAmmoniumHydroxide)	7664-41-7	<1%		

3.HAZARDSIDENTIFICATION

*****EMERGENCYOVERVIEW*****
Harmfulorfatalifswallowed.Vaporharmful.Directeyecontactcausesirritation.Donottakeinternally.Contentsunderpressure.Donotpuncture,incinerateor exposetotemperaturesabove120°F.Eye,skinandrespiratoryirritation.

POTENTIALHEALTHEFFECTS

EffectsofOverexposure:	Irritationofeyes,skinandrespiratorysystem.Maycausenervoussystemdepression.Extremeoverexposuremay resultinunconsciousnessandpossiblydeath.
SignsandSymptomsofOverexposure:	Headache,dizziness,nauseaandlossofcoordinationareindicationsofexcessiveexposurctovaporsorspray mists.Rednessanditchingorburningsensationmayindicateeyeorexcessiveskinexposure.
MedicalConditionsAggravatedbyExposure:	Nonegenerally recognized.
EyeContact:	Maycauseeye irritation
SkinContact:	Maycauseskinirritation.
Inhalation:	Irritationoftherespiratorytract.
Ingestion:	Nausea. In-coordination. Nervoussystemdepression.
Carcinogenicity:	None.
General:	Prolongedexposuretosolventingredientsmaycauseadverseeffectstotheliver,urinaryandbloodforming systems.Reportshaveassociatedrepeatedandprolongedoccupationaloverexposuretosolventswithpermanent brainandnervoussystemdamage.
RoutesofExposure:	Exposuremaybeinhalationand/orskinoreyecontact,dependingonconditionsofuse.Tominimizeexposure, followrecommendationsforproperuse,ventilationandpersonalprotectivecquipment.

4.FIRSTAIDMEASURES

EyeContact:	Flusheyesimmediatelywithalargeamountofwaterforatleast15minutes.Seekmedicalattention.
SkinContact:	Washaffectedareaimmediatelywithsoapandwater.Removecontaminatedclothingandlaunderbeforereuse.
Inhalation:	Removeaffectedpersontofreshair.Restorebreathing.Keepwarmandquiet.Ifirritationpersists,consultaphysician.
Ingestion:	Donotinducevomiting.Nevergiveanythingtoanunconsciousperson.Seekmedicalattentionimmediately.

5.FIREFIGHTINGMEASURES

Flashpoint (Method): 8°F(TCC). (LEL): 1.1 UEL: 10.6

ExtinguishingMedia:	Carbondioxide,drychemicalandalcoholfoam.
FireandExplosionHazards:	Closedcontainersmayexplode(duetothebuild-upofpressure),whenexposedtoextremeheat.
FireFightingInstructions:	Fullprotectiveequipmentincluding self-containedbreathingapparatusshouldbeused.Waterspraymaybeineffective.If waterisused,fognozzlesarepreferable.Watermaybeusedtocoolclosedcontainerstopreventpressurebuild-upandpossible autoignitionorexplosionwhenexposedtoextremeheat.

6.ACCIDENTALRELEASEMEASURES

ReleasesorSpills:	Removeallsourcesofignition.Ventilateandremovewithinert absorbent.
WasteDisposalMethod:	Wastefromthisproductmay behazardousasdefinedundertheResourceConservationandRecoveryAct(RCRA)40CFR 261.Wastemustbetestedforignitabilitytodeterminetheapplicable EPAhazardouswastenumbers.Donotincinerate. Depressurizecontainer.Disposeofinaccordancewith Federal,StateandLocalregulations.

7.HANDLINGANDSTORAGE

Handling:	Keepareawellventilated.Donotsmoke.Extinguishallflames,pilotlightsandheaters.Turnoffstoves,electrictools,appliancesandanyother sourcesofignition.ConsultNFPACode.Useapprovedbondingandgroundingprocedures.Contentsunderpressure.Donotpuncture,incinerateor exposetotemperaturesabove120 °F.
Storage:	Heatfromsunlight,radiators,stoves,hotwaterandotherheatsourcescouldcausecontainertoburst.Donottakeinternally.Keepoutofreachof children.Keepawayfromheat,sparksandopenflame.Vaporswillaccumulatereadilyandmayigniteexplosively.
Other:	Intentionalmisusebydeliberatelyconcentratingandinh alingthecontentsmaybeharmfulorfatal.

8.EXPOSURECONTROLS/PERSONALPROTECTION

EngineeringControls:	Useonlywithadequateventilation.Avoidbreathingvaporandspraymist.Avoidcontactwithskinandeyes.Washhandsafterusing.
PersonalProtectiveEquipment:	
Ventilation:	Localexhaustpreferable.Generalexhaustacceptableiftheexposuretomaterialsismaintainedbelowapplicableexposurelimits.
Respiratory:	Ifpersonalexposurecannotbecontrolledbelowapplicablelimitsbyventilation,wearaproperlyfittedNIOSHapprovedorganic vapor/particulaterespirator.
Eye:	Wearapprovedsafetyglasseswithside-shields.
Skin:	Nonerequiredformormalapplicationofaerosolproductswhereminimalskincontactisexpected.Forlongorrepeatedcontact,w ear chemicallyimperviousgloves.

9.PHYSICALANDCHEMICALPROPERTIES

Appearance:	Whitefoamingaerosol.	Odor:	Citrus
PhysicalState:	Aerosol.	ProductWeight:	7.95lb./gal.
pH:	7.0	VaporDensity:	Heavierthanair.
BoilingPoint:	<0to-343°F.	MeltingPoint:	NA
EvaporationRate:	FasterthanEther.	SpecificGravity:	0.96
VolatileVolume:	99%	SolubilityinWater:	NA
VolatileWeight:	9.90%(lessFederallyExemptSolvents)		

10.STABILITYANDREACTIVITY

Stability:	Stable
HazardousPolymerization :	Willnotoccur.
ConditionstoAvoid:	Heat,sparks,flamesorothersourcesofignition.
Incompatibility:	Noneknown.
HazardousDecompositionProducts:	ByFire: CarbonDioxide,CarbonMonoxide.

11.TOXICOLOGICALINFORMATION

NA

12.ECOLOGICALINFORMATION

NA

13.DISPOSALCONSIDERATIONS

WastefromthisproductmaybehazardousasdefinedundertheResourceConservationandRecoveryAct(RCRA)40CFR261.Wastemustbetestedforignitability todeterminetheapplicableEPAhazardouswastenumbers.Donotincinerate.Depressurizecontainer.DisposeofinaccordancewithFederal,StateandLocal regulations.

14.TRANSPORTINFORMATION

DOTSHIPPINGDATA:

SHIPPINGNAME:	ConsumerCommodity HAZARD CLASS: ORM-D
CANADIANTDG:	ShippedinaccordancewithCFRaspartofatransbordershipmentauthorizedunderSection5.2(1)oftheCanadian TransportationofDangerousGoods.
ForInternationalandAirShipments:	Aerosols,Flammable,2,1,UN1950.

15.REGULATORYINFORMATION

TSCA:	AllingredientsinthisproductarelistedorexemptfromlistingontheTSCAChemicalInventory.
CEPA:	AllingredientsinthisproductarelistedorexemptfromlistingCanadianDSL/NDSL.
SARA313 :	Thisproductconta insthefollowingtoxicchemicalssubjecttothereportingrequirementsofSection313oftheEmergencyPlanningand CommunityRight-To-KnowActof1986(40CFR372).
	GlycolEthers 4%.

HMISRATING :	Health=2	Flammability=4	Reactivity=0	Personal Protection=A
WHMISRATING :	ClassB;Division5			

16.OTHERINFORMATION

NA=NotavailableorNotapplicable

Readandfollowallilabeldirectionsandprecautionsbeforeusingtheproduct.Thisproductisintendedforindustrialandinstitutionaluseonly. NOTFOR HOUSEHOLDUSEORRESALE.KEEPOUTOFTHEREACHOFCHILDREN.Whilewebelievethatthedataacontainedhereinisfactualandthe opinionsexpressedarethoseofqualifiedexperts,thedataarenottobetakenasawarrantyorrepresentationforwhichthecompanyassumeslegal responsibility.Theyarcofferedsolelyforyourconsideration,investigation,andverification.Anyuseofthesedataandinformationmustbedeterminedby thcusertobeinaccordancewithapplicableFederal,State,andLocalLawsandregulations.

HEALTHANDSAFETYINFORMATION: (216)861-7114

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