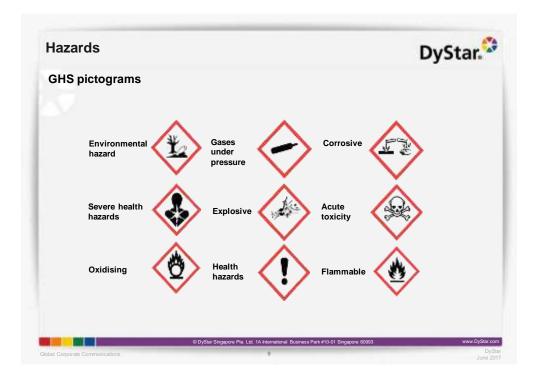


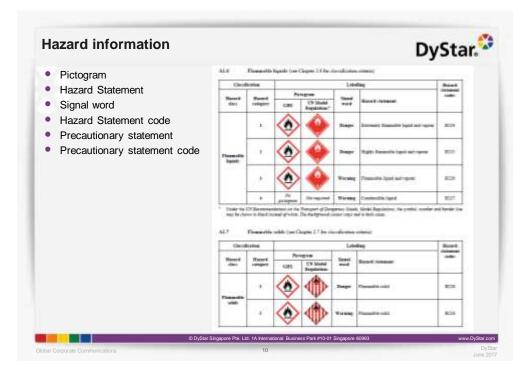
Information from chemical supplier - SDS

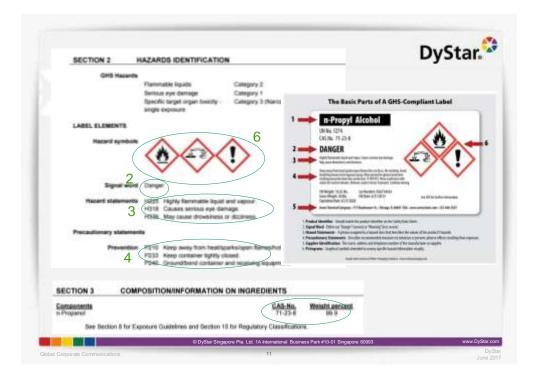


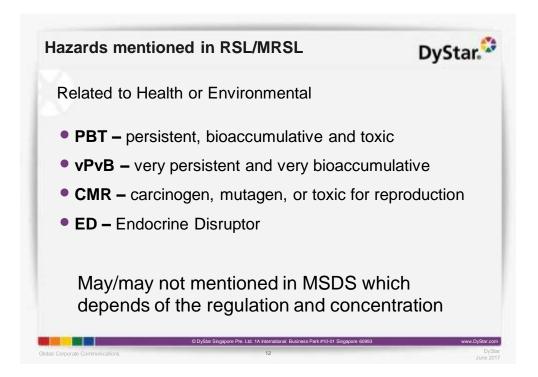
	Section 1:	Chemical Product and Company Identificatio
	Section 2:	Hazard Identification
Eco Requirement, regulation, brand	Section 3:	Composition, Information or Ingredients
RSL, MRSLand update Chemical in use	Section 4:	First Aid Measures
	Section 5:	Fire-Fighting Measures
hazards	Section 6:	Accidental Release Measures
Chemical input and output, identify potential hazards	Section 7:	Handling and Storage
Operation procedure, usage, handling and disposal	Section 8:	Exposure Controls and Personal Protection
Traceability / Recording	Section 9:	Physical and Chemical Properties
Hazard information	Section 10:	Stability and Reactivity
Preventive and protective measures	Section 11:	Toxicological Information
Training, drills, emergency response.	Section 12:	Ecological Information
Risk assessment	Section 13:	Disposal Considerations
Prevention and Improvement	Section 14:	Transport Information
	Section 15:	Regulatory Information
	Section 16:	Other Information

azards – GHS catego	ries	DyStar.
 Physical hazard 	- 17 types	Phy1: Explosives Phy2: Flammable gases Phy3: Aerosols Phy4: Oxidising gases Phy5: Gas under pressure Phy6: Flammable liquids
• Health hazard	- 10 types	Phy7: Flammable solids Phy8: Self-reactive substances and mixtures. Phy9 : Pyrophoric liquids Phy10 : Pyrophoric solids Phy11 : Self-heating substances and mixtures
• Environmental hazard	- 2 types	Phy12 : Substances and mixtures which are in contact with water, emit flammable gas Phy13 : Oxidising liquids Phy14 : Oxidising solids Phy15 : Organic peroxides Phy16 : Corrosive to metals Phy 17 : Desensitized explosives Health 1 : Acute toxicity Health 2 : Skin corrosion/irritation Health 3 : Serious eye damage/irritation Health 4 : Respiratory or skin sensitization Health 5 : Germ cell mutagenicity Health 6 : Carcinogenicity Health 7 : Reproductive toxicity Health 8 : Specific target organ toxicity-repeated exposure Health 9 : Specific target organ toxicity-repeated exposure Health 9 : Specific target organ toxicity-repeated exposure Health 10 : Aspiration Hazard Env.1: Hazardous to the aquatic environment Env2: Hazardous to the ozone layer
• • • • • • • • • • • • • • • • • • •	DyStar Singapore Pte. Ltd. 1A Inte	arnational Business Park #10-01 Singapore 60993 www.DyStar









CAS No.	Substance	Group A: Raw Material and Finished Product Supplier Guidance	Group B: Chemical Supplier Commercial Formulation Limit	Potential Uses in Apparel and Footwear Textile Processing	General Techniques for Analysing Chemicals
Alkylphenol (AP) a	and Alkylphenol Etho): including all i	somers	
104-40-5, 11066- 49-2, 25154-52-3, 84852-15-3	Nonylphenol (NP), mixed isomers		250 ppm	APEOs can be used as or found in: detergents, scouring agents, spinning oils, wetting	Liquid
140-66-9, 1806-26- 4, 27193-28-8	Octylphenol (OP), mixed isomers		250 ppm	agents, softeners, emulsifier/dispersing agents	chromatography- Mass spectrometr
9002-93-1, 9036- 19-5, 68987-90-6	Octylphenol ethoxylates (OPEO)	No intentional use	500 ppm	for dyes and prints, impregnating agents, de-	(LC-MS), Gas
9016-45-9, 26027- 38-3, 37205-87-1, 68412-54-4, 127087-87-0	Nonylphenol ethoxylates (NPEO)		500 ppm	gumming for silk production, dyes and pigment preparations, polyester padding and down/feather fillings	chromatography- Mass spectrometr (GC-MS)

